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THE URSINUS BULLETIN

Vol. IX. No. 2 April, 1911

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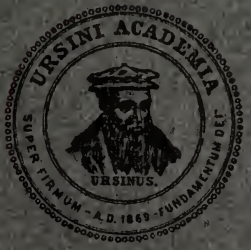
Ursinus College

1910-1911



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THE URSINUS BULLETIN
Vol. IX No. 2 April, 1911

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OF THE
UNIVERSITY OF ILLINOIS.

Ursinus College

1910-1911

"An Institution where the youth of the land can be liberally educated under the benign influence of Christianity."—*The Founders*

Published by Ursinus College, Collegeville, Pa.

1911

January

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1912

January

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August

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CALENDAR

1911

April 11, Tuesday,	EASTER RECESS begins, 4 p. m.
April 19, Wednesday,	RECESS ends, 8 a. m.
May 22, Monday,	Senior Final Examinations begin.
May 29, Monday,	Semi-Annual Examinations begin.
May 30, Tuesday,	Memorial Day, a holiday.
June 4, Sunday,	Baccalaureate Sermon, 8 p. m.
June 5, Monday,	Examinations for Admission begin.
June 5, Monday,	Class Day Exercises, 2 p. m.
June 5, Monday,	Junior Oratorical Contest, 8 p. m.
June 6, Tuesday,	Annual Meeting of the Directors, 10 a. m.
June 6, Tuesday,	Alumni Meeting, 1 p. m.
June 6, Tuesday,	Alumni Oration, 8 p. m.
June 7, Wednesday,	Commencement, 10 a. m.
June 19, Monday,	Summer Session begins.
July 28, Friday,	Summer Session ends.
Sept. 12, Tuesday,	Examinations for Admission begin.
Sept. 12, Tuesday,	Registration and Matriculation of Students.
Sept. 13, Wednesday,	Registration and Matriculation of Students.
Sept. 13, Wednesday,	Opening Address, 8 p. m.
Sept. 14, Thursday,	Instruction begins, 8.45 a. m.
Nov. 29, Wednesday,	THANKSGIVING RECESS begins, 4 p. m.
Dec. 2, Saturday,	RECESS ends, 8 a. m.
Dec. 19, Tuesday,	CHRISTMAS RECESS begins, 4 p. m.

1912

Jan. 3, Wednesday,	RECESS ends, 8 a. m.
Jan. 18, Thursday,	Semi-Annual Examinations begin.
Jan. 25, Thursday,	Day of Prayer for Colleges.
Jan. 26, Friday,	SECOND TERM begins, 8 a. m.
Feb. 15, Thursday,	Founders' Day.*
Feb. 22, Thursday,	Washington's Birthday, a holiday.
April 2, Tuesday,	EASTER RECESS begins, 4 p. m.
April 10, Wednesday,	RECESS ends, 8 a. m.
June 2, Sunday,	Commencement Exercises begin.
June 5, Wednesday,	Commencement Exercises end.
June 17, Monday,	Summer Session begins.
July 26, Friday,	Summer Session ends.
Sept. 18, Wednesday,	ACADEMIC YEAR begins.

*Date subject to change.

URSINUS COLLEGE

HISTORICAL STATEMENT

In the year 1848, a School for the higher education of young men was established at Perkiomen Bridge, twenty-four miles from the State House in Philadelphia, on the main thoroughfare from Philadelphia to Reading, Pennsylvania. In keeping with the convictions, both religious and political, of its founder, the School was named "Freeland Seminary." Within a period of twenty years, more than four thousand young men from Pennsylvania, New Jersey, Maryland and Delaware received their education at this School.

In 1868, a body of men, actuated by a desire to serve the interests of higher education and evangelical Christian religion, met in the city of Philadelphia and resolved to found "an institution where the youth of the land can be liberally educated under the benign influence of Christianity." Ruled by this desire, they chose as the name of their institution that of one of the most distinguished reformers and scholars of the sixteenth century, *Ursinus,* of the University of Heidelberg.

The Act of Incorporation under which Ursinus College is conducted was granted by the Legislature of Pennsylvania, February 5, 1869, and is as follows:

AN ACT

TO INCORPORATE URSINUS COLLEGE

SECTION 1. Be it enacted by the Senate and House of Representatives of the Commonwealth of Pennsylvania in General Assembly met, and it is hereby enacted by the authority of the same, that there shall be and hereby is erected, established and incorporated in Upper Providence Township, in the County of Montgomery, in this Commonwealth, an institution of learning, for the purpose of imparting instruction in Science, Literature, the Liberal Arts and Learned Professions by the name, style and title of URSINUS COLLEGE.

Section 2. Said College shall be under the care and management of a Board of Directors not exceeding twenty-one in number, who, with their successors in office, shall be and are hereby declared to be one body politic and corporate in deed and in law, to be known by the name, style and title of Ursinus College, and by the same shall have perpetual succession, and shall be able to sue and be sued, plead and be impleaded in all courts of law and equity, and shall be capable in law and equity to take, hold and purchase for the use and benefit of said College any estate in any messuages, lands, tenements, goods, chattels, moneys and other effects of any kind whatever, by gift, grant, bargain, sale, conveyance, assurance, will, devise or bequest from any person or persons, body politic or corporate, either municipal or otherwise whatsoever capable of lawfully making the same, and the same from time to time to grant, bargain, sell, convey, mortgage, farm, let, place out at interest, or otherwise dispose of for the use and benefit of said College; *Provided, however,* That no bequest or donation made to and accepted by said Board for specific educational objects shall ever be diverted from the purposes designated in the conditions of such gift and acceptance.

Section 3. That the Board of Directors shall have power to establish, from time to time, in said College, such departments of study and instruction as they may deem expedient, and to provide libraries, apparatus, cabinets, endowments and all other needful aids for imparting full and thorough courses of instruction therein. They may appoint a faculty or faculties, professors, lecturers and teachers, prescribe their respective duties, fix their compensation, and remove them, or any of them, as, from time to time, the interests of the College may require; they shall have power to purchase or erect buildings for the accommodation of students, professors and officers, and for other needful purposes; to establish rules and regulations for the government of students and officers, and to do all and singular such other things and matters as may be requisite for the well ordering and proper management of the affairs of said College.

Section 4. That the said Board of Directors shall at first consist of the persons herein named, to wit: *James Koons, Sr., J. Knipe, W. D. Gross, H. W. Kratz, A. Kline, H. K. Harnish, Abraham Hunsicker, Sr., J. W. Sunderland, John Wiest, A. W. Myers, H. H. W. Hibshman, A. Van Haagen, J. H. A. Bomberger, J. G. Wiehle, J. Dahlman, Jr., Emanuel Longacre, George Schall, W. L. Graver, William Sorber, Nathan Pennypacker, N. Gehr,* who, or any nine of them, on the passage of this act, or at any time within three months thereafter, may meet and organize

by electing a President and Secretary, and accepting this act, the evidence of which shall be the duly authenticated record of such meeting and action.

SECTION 5. That the Board of Directors shall have power to fill all vacancies in their own body, to expel any member thereof who shall be guilty of infamous conduct and to declare vacant the seat of any member who shall have, for three consecutive years, failed to attend the stated meetings of the Board; to appoint, from time to time, such additional officers and agents of their own body as may be deemed requisite, including a Treasurer, who shall always give ample security for the funds entrusted to his keeping; to adopt a common and corporate seal, by and with which all deeds, certificates, appointments and acts of said Board, signed by their President and attested by their Secretary, shall pass and be authenticated, and the same seal at their pleasure to break, alter or renew.

SECTION 6. That the said Board of Directors, at any meeting subsequent to their organization called for the purpose, and of which due notice shall have been given to each member, may adopt and establish a Constitution and By-Laws for the government of their own body, not inconsistent with this act, the laws of the State or the laws of the United States, which Constitution and By-Laws shall not thereafter be altered, amended or repealed except in the manner therein provided.

SECTION 7. That the faculty of any organized department in the College may, with the advice and consent of the Board of Directors, and under such regulations as they may prescribe, confer the degrees, honors, and dignities usually conferred by similar departments in the Colleges and Universities of this Commonwealth.

SECTION 8. That no misnomer of this corporation shall defeat or annul any gift, grant, devise or bequest to or from the said corporation. *Provided,* The intent of the parties shall sufficiently appear upon the part of the gift, grant, will, or other writing whereby such state or interest was intended to pass to or from said corporation.

The corporation was organized at a meeting of the Directors held in the city of Philadelphia, February 10, 1869. A permanent seat for the College was sought near Philadelphia. Attracted by the beauty of the region of Perkiomen Bridge, where Freeland Seminary had flourished for twenty years, and impressed by the reputation of the community for its interest in education, the Board of Directors purchased the property

of Freeland Seminary, and incorporated the latter into Ursinus College as its preparatory department. About this time the United States postal authorities named the post office at Perkiomen Bridge, Collegeville. Instruction was begun September 6, 1870. In 1881 the doors of the College and Academy were opened to women. The Academy was discontinued as a department of the institution June 8, 1910.

The Ursinus School of Theology was organized June 1, 1871, and opened for instruction the following September. The School was conducted at Collegeville in connection with the College till 1898, when it was removed to Philadelphia. March 8, 1907, a Compact of Union was ratified by the Board of Directors of Ursinus College, by which the instruction of the Ursinus School of Theology is conducted in the Central Theological Seminary, located at Dayton, Ohio.

Collegeville is easy of access by the Philadelphia and Reading Railway from Philadelphia, Allentown or Reading. Electric cars connecting Collegeville with Pottstown, Norristown and Philadelphia pass the College campus. The College grounds cover fifty-three acres, including a fine lawn and campus of ten acres, tennis courts, an athletic field, and several fields for agriculture.

NEEDS

The College presents for the consideration of benefactors the following needs:

1. A dining hall with a capacity for seating four hundred persons. This could be provided as an addition to the central group of dormitory buildings at a cost of $10,000, or could be built as an entirely separate building for $25,000.

2. A heat, light and power plant including workshops for the Crafts department, with equipment, for the employment of students under the Bureau of Self-Help. The amount needed for this purpose is $30,000.

3. A gymnasium fully equipped with apparatus for general and special exercises, running track, swimming tank, shower and needle baths, offices and a trophy room. The cost of this building would be approximately $50,000.

4. Additional endowment of at least $200,000. The amount necessary for the endowment of a professorship is $40,000. There are few forms of benefaction in which an investment can be more worthily made than in providing for the instruction of future generations in some branch of learning.

BEQUESTS

All testamentary papers intended to convey funds or property to the College should be signed, witnessed and executed in strict accordance with the statutory laws of the State in which the testator resides. In all cases the name of the corporation should be accurately given, as in the following forms:

I give, devise and bequeath to URSINUS COLLEGE, located at Collegeville, Montgomery County, Pennsylvania, their successors and assigns forever, the sum of..... dollars, to be invested by said corporation, and the interest accruing therefrom to be applied to the maintenance of instruction in said institution.

I give, devise and bequeath to URSINUS COLLEGE, located at Collegeville, Montgomery County, Pennsylvania, their successors and assigns forever, a certain lot situated, etc., for the uses and purposes of said College according to the provisions of its charter.

DIRECTORS OF THE COLLEGE

Henry W. Kratz, LL.D., *Honorary President of the Board.*	Norristown,	1868
Harry E. Paisley, *President of the Board.*	Philadelphia,	1907
Rev. S. L. Messinger, D.D., *Secretary.*	Trappe,	1906
J. Truman Ebert, *Treasurer.*	Collegeville,	1907
Rev. A. Edwin Keigwin, D.D., *President of the College.*	New York City,	1907
Rev. Aaron Spangler, A.M.,	York,	1879
Henry T. Spangler, D.D.,	Collegeville,	1884
A. H. Fetterolf, Ph.D., LL.D.,	Philadelphia,	1894
James M. Anders, M.D., LL.D.,	Philadelphia,	1894
Rev. J. W. Meminger, D.D.,	Lancaster,	1896
Hervey C. Gresh,	Norristown,	1901
Daniel Clinger,	Milton,	1902
Edward A. Krusen, M.D.,	Norristown,	1903
John M. Vanderslice, Esq.,	Philadelphia,	1903
Rev. Philip Vollmer, Ph.D., D.D.,	Dayton, Ohio,	1905
Elwood S. Snyder, M.D.,	Lancaster,	1905
Andrew R. Brodbeck,	Hanover,	1905
Rev. I. Calvin Fisher, D.D.,	Lebanon,	1905
James A. Miller,	New Tripoli,	1906
Rev. J. M. S. Isenberg, D.D.,	Philadelphia,	1906
A. D. Fetterolf,	Collegeville,	1906
Geo. Leslie Omwake, Pd.D.,	Collegeville,	1906
Mayne R. Longstreth, Esq., A.M.,	Philadelphia,	1907
Rev. John F. Carson, D.D.,	Brooklyn, N. Y.,	1907
Rev. James M. Farrar, D.D., LL.D.,	Brooklyn, N. Y.,	1907
Charles H. Edmunds, Esq.,	Philadelphia,	1907
Rev. Edward F. Wiest, D.D.,	York,	1909
Rev. John Calhoun, D.D.,	Philadelphia,	1909
F. MacD. Sinclair,	New York City,	1909

Committees of the Board of Directors

Executive Committee

John M. Vanderslice,
Hervey C. Gresh,
A. D. Fetterolf,
S. L. Messinger,
Geo. Leslie Omwake,
J. T. Ebert,
I. Calvin Fisher.

Committee on Finance

J. M. S. Isenberg,
J. Truman Ebert,
Geo. Leslie Omwake,
Hervey C. Gresh,
H. E. Paisley,
E. S. Snyder.

Committee on Buildings and Grounds

A. D. Fetterolf,
James A. Miller,
Geo. Leslie Omwake,
John M. Vanderslice,
Edward A. Krusen,
Whorten A. Kline.

Committee on Government and Instruction

John M. Vanderslice,
A. D. Fetterolf,
Geo. Leslie Omwake,
A. Edwin Keigwin,
S. L. Messinger,
Whorten A. Kline.

Directors of the College

Administrative, Financial and Business Officers

Rev. A. Edwin Keigwin, D.D., *President.*

George Leslie Omwake, Pd.D., *Vice President.*

Rev. Whorten A. Kline, A.M., B.D., *Dean of the College.*

John Myron Jolls, *Director of the School of Music.*

Rev. Calvin D. Yost, A.M., B.D., *Librarian.*

J. Truman Ebert, *Treasurer.*

Charles W. Fritchmann, *Superintendent.*

Sara E. Ermold, *Office Secretary.*

Mrs. E. N. Ermold, *Principal of Olevian Hall.*

Mrs. Florence B. Cordo, *Principal of Shreiner Hall.*

Charles R. Wasser, Jr., *Superintendent of Crafts Department.*

OFFICERS OF INSTRUCTION

REV. A. EDWIN KEIGWIN, D.D.,

President.

A.B., Princeton University, 1891, and A.M., 1894; D.D., Lafayette College, 1906; Student, Union Theological Seminary, 1891-94; Pastor Presbyterian Church, Millville, N. J., 1895-1900; Park Presbyterian Church, Newark, N. J., 1900-1905; West End Presbyterian Church, New York City, 1905; Ursinus College, 1907.

GEORGE LESLIE OMWAKE, B.D., Pd.D.,

Vice President, and Professor of the History and Philosophy of Education.

A.B., Ursinus College, 1898, and A.M., 1901; B.D., Yale University, 1901; Pd.D., Franklin and Marshall College, 1910; Student in Theology, Philosophy and Education, Yale University, 1898-1901; Licensed, 1901; Ursinus College, 1901; Dean, 1903-1909; Vice President, 1909; Member of the Society of College Teachers of Education; Member of the American Academy of Political and Social Science.

REV. WHORTEN A. KLINE, A.M., B.D.,

Dean of the College, and Professor of the Latin Language and Literature.

A.B., Ursinus College, 1893; A.M. and B.D., 1896; Licensed, 1896; Graduate Student in Latin, University of Pennsylvania, 1897-1901, Ursinus College, 1893; Dean, 1909; Member of the Classical Association of the Middle States and Maryland.

J. SHELLY WEINBERGER, LL.D.,

Professor of the Greek Language and Literature, Emeritus.

A.B., Yale College, 1859, and A.M., 1867; LL.D., Ursinus College, 1895; Professor of Ancient Languages, Freeland Seminary, 1859-70; Professor of Latin and Greek, Ursinus College, 1870-87; Professor of the Greek Language and Literature, 1887; Dean, 1892-1903.

REV. JAMES I. GOOD, A.M., D.D.,

Professor of the English Bible and the History of the Christian Church.

A.B., Lafayette College, 1872, and A.M., 1875; D.D., Ursinus College, 1887; Student, Union Theological Seminary, 1872-75; Licensed, 1875; Pastor, 1875-1905; Professor of Systematic and Pastoral Theology and Reformed Church History, 1890-1907; Dean, School of Theology, 1892-1907; Ursinus College, 1907.

HOMER SMITH, Ph.D.,

Professor of the English Language and Literature.

A.B., Amherst College, 1891; Graduate Student, University of Pennsylvania, 1892-95; Ph.D., University of Pennsylvania, 1895; Instructor in English, University of Pennsylvania, 1892-98; Professor of English, Kamehameha School, Honolulu, 1899-1901; Acting Professor of English, Amherst College, 1901-03; Ursinus College, 1903; Member of the Modern Language Association.

MATTHEW BEARDWOOD, A.M., M.D.,

Professor of Chemistry.

A.B., Philadelphia Central High School, 1890, and A.M., 1895; M.D., Medico-Chirurgical College, 1894; Special Student of Chemistry, University of Pennsylvania, 1890-91; Instructor in Chemistry, Medico-Chirurgical College, 1896-99; Lecturer on Clinical Chemistry, 1899-1900; Adjunct Professor of Chemistry, 1900-09; Ursinus College, 1903; Member of the American Chemical Society; Member of the Franklin Institute.

Officers of Instruction

HENRY FOX, Ph.D.,

Professor of Biology.

B.S., University of Pennsylvania, 1899, A.M., 1903, and Ph.D., 1905; Harrison Fellow in Zoölogy, 1901-02; Instructor in Biology, University of Wisconsin, 1902-03; Professor of Chemistry and Biology, Temple College, 1903-05; Ursinus College, 1907; Member of the Philadelphia Academy of Natural Sciences; Member of the Association of American Anatomists.

JOHN WENTWORTH CLAWSON, A.M.,

Professor of Mathematics and Physics.

A.B., University of New Brunswick, 1901; A.B., Cambridge University, 1904; A.M., University of New Brunswick, 1905; Lecturer in Astronomy, University of New Brunswick, 1904-05; Assistant in Physics, Ohio State University, 1905-06; Ursinus College, 1907.

MORLEY ALBERT CALDWELL, Ph.D.,

Professor of Philosophy.

A.B., Indiana University, 1904, and A.M., 1905; Ph.D., Harvard University, 1908; Assistant in Experimental Psychology, Indiana University, 1904-05; Graduate Student, Harvard University, 1905-08; Assistant in Philosophy, 1906-08; Ursinus College, 1908. Member of the Sigma Xi Society of Research.

REV. GEORGE HANDY WAILES, A.M.,

Professor of the Greek Language and Literature.

A.B., Princeton University, 1894, and A.M., 1896; Student, Princeton Theological Seminary, 1894-97; Licensed, 1896; Pastor, Scots Presbyterian Church, Philadelphia, 1897-1908; Professor of Hebrew and Old Testament Literature, Temple University, 1906; Professor of Theology and Apologetics, 1908; Ursinus College, 1908.

CHARLES HOMER HOLZWARTH, Ph.D.,

Professor of Modern Languages.

A.B., Syracuse University, 1906; A.M. and Ph.D., University of Leipzig, 1909; Assistant in German, Syracuse University, 1905-06; Instructor in German and English, Syracuse University Summer School, 1906; Ursinus College, 1909; Member of the Modern Language Association.

ARTHUR C. HOWLAND, Ph.D.,

Acting Professor of History.

A.B., Cornell University, 1893; Fellow in History, University of Gottingen and University of Leipzig, 1894-95; Graduate Student, Cornell University, 1895-96; Research Fellow, University of Pennsylvania, 1898-99; Instructor in History, Teachers' College, Columbia University, 1899-1904; Assistant Professor of Mediæval History, University of Pennsylvania, 1904 to date; Ursinus College, 1910; Member of American Historical Association.

ISAIAH MARCH RAPP, A.B.,*

Instructor in Mathematics, Physics and Chemistry.

A.B., Ursinus College, 1903; Assistant in Physics, 1901-03; Graduate Student, University of Pennsylvania, 1906-07; University of Chicago, 1909-11; Ursinus College, 1904.

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*Absent on leave until September, 1911.

JOHN MYRON JOLLS,

Director of the School of Music, and Instructor in Voice Culture and Choral Singing.

Student under the direction of the Tonic Soh Fah College, London, 1893-96; Student in Sight Singing and Voice Culture under Frederick W. Root, 1894-95; Student under Perley Dunn Aldrich, 1899-1908; Teacher of Singing, 1894-1910; Ursinus College, 1908.

REV. CALVIN DANIEL YOST, A.M., B.D.,

Librarian, and Instructor in English and History.

A.B., Ursinus College, 1891; A.M., 1895, and B.D., 1907; Student, Ursinus School of Theology, 1891-93; Yale Divinity School, 1893-94; Principal, High School, Mahanoy City, Pa., 1896-1901; Pastor, 1894-96, 1901-07; General Secretary, Reformed Evangelical and Educational Union, 1907-10; Ursinus College, 1910.

HARRY A. SYKES,

Instructor in Piano and Organ and the Theory of Music.

Student under Ralph Kinder, 1905-09; Assistant organist, Holy Trinity Church, Philadelphia, 1907-09; Organist and director, Princeton Presbyterian Church, Philadelphia, 1909; Ursinus College, 1910; Member of the American Guild of Organists.

DAVID LESLIE STAMY, A.B.,

Instructor in Latin, French and Mathematics.

A.B., Ursinus College, 1908; Principal, High School, Sykesville, Pa., 1908-09; Professor of Mathematics, New Windsor College, 1909-10; Ursinus College, 1910.

JOHN BEADLE PRICE, A.B.,

Graduate Director of Athletics.

A.B., Ursinus College, 1905; Director of Athletics and Instructor, State Normal School, Slippery Rock, Pa., 1905-08; Graduate Student, University of Pennsylvania, 1909-10; Ursinus College, 1908.

DEPARTMENTS OF URSINUS COLLEGE

Ursinus College embraces the following Departments effectively fitted for service:

THE COLLEGE,

in which are offered seven Groups of studies, leading to the degrees of Bachelor of Arts and Bachelor of Science. The Groups bear the names of the leading subjects included in them. They are:

The Classical Group,
The Latin-Mathematical Group,
The Mathematical-Physical Group,
The Chemical-Biological Group,
The Historical-Political Group,
The English-Historical Group,
The Modern Language Group.

THE SUMMER SESSION,

in which instruction is offered in college preparatory work and college courses. The work represented is of the same character and quality as that of the regular sessions. Work done in the Summer Session is regarded as work in residence, and credit toward a degree is allowed for all satisfactory work of collegiate grade.

THE SCHOOL OF MUSIC,

which offers courses in the history and theory of Music, open without charge to all regularly matriculated students of Ursinus College, provides individual instruction in instrumental and vocal music, and conducts classes for training in choral singing.

THE COLLEGE

FACULTY

REV. A. EDWIN KEIGWIN, D.D., *President.*

GEORGE LESLIE OMWAKE, B.D., PD.D., *Vice President, and Professor of the History and Philosophy of Education.*

REV. WHORTEN A. KLINE, A.M., B.D., *Dean, and Professor of the Latin Language and Literature.*

J. SHELLY WEINBERGER, LL.D., *Professor of the Greek Language and Literature, Emeritus.*

REV. JAMES I. GOOD, D.D., *Professor of the English Bible and the History of the Christian Church.*

HOMER SMITH, PH.D., *Professor of the English Language and Literature.*

MATTHEW BEARDWOOD, A.M., M.D., *Professor of Chemistry.*

HENRY FOX, PH.D., *Professor of Biology.*

JOHN WENTWORTH CLAWSON, A.M., *Professor of Mathematics and Physics.*

MORLEY ALBERT CALDWELL, A.M., PH.D., *Professor of Philosophy.*

REV. GEORGE HANDY WAILES, A.M., *Professor of the Greek Language and Literature.*

CHARLES HOMER HOLZWARTH, PH.D., *Professor of Modern Languages.*

ARTHUR C. HOWLAND, PH.D., *Acting Professor of History.*

*ISAIAH MARCH RAPP, A.B., *Instructor in Mathematics, Physics and Chemistry.*

REV. CALVIN D. YOST, A.M., B.D., *Librarian, and Instructor in English and History.*

DAVID LESLIE STAMY, A.B., *Instructor in Latin, French and Mathematics.*

JOHN BEADLE PRICE, A.B., *Graduate Director of Athletics.*

*Absent on leave until September, 1911.

ADMISSION

A student who wishes to enter Ursinus College must bring from the school or college he has attended, or from the teacher with whom he has studied, a testimonial of good character and a certificate of preparation for the work he desires to take, in the form prescribed by the college. Blank forms for these certificates are furnished by the Dean of the College, to whom all communications on the subject and all certificates are to be addressed.

Students from high schools, academies and normal schools approved by the faculty, or from other colleges, and candidates who have passed the examinations of the College Entrance Examination Board of the Middle States and Maryland, are admitted on certificate. All other candidates must satisfy the entrance requirements by examination. A candidate whose certificate does not cover the amount of work required in a subject may be admitted to college as a regular student with conditions. If the conditions are excessive he may be enrolled as a candidate for matriculation.

REQUIREMENTS FOR ADMISSION

The studies which may be presented in satisfaction of the requirements for admission are set forth in the following lists. A candidate must present, either by examination or by certificate, satisfactory evidence of preparation in the studies he offers in accordance with the requirements in each study as defined:

ENGLISH

Elementary English

The Uniform Entrance Requirements in English include preparation based upon two lists of books,—one of the books for reading and one of books for special study. In connection with the reading and study of prescribed books, the candidate should read other books and commit to memory a considerable amount of good English poetry. The reading should be done with a view to the development of literary appreciation, accuracy of expression and elegance of style.

(*a*) READING.—The candidate will be required to write a paragraph or two on each of several topics chosen by him from the list of ten or fifteen, drawn from the books named below. This part of the examination is designed, primarily, to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the books prescribed. He should read the books as he reads other books not aiming to know them minutely, but to gain a knowledge of their most important parts. In every case knowledge of the book will be regarded as less important than the ability to write good English.

No candidate will be accepted whose work is seriously defective in spelling, punctuation, grammar, or division into paragraphs.

The books prescribed for this part of the examination are as follows:

1911 and 1912—Ten books, selected from the following list:

Group I (two to be selected). Shakespeare's As You Like It, Henry V, Julius Cæsar, The Merchant of Venice, Twelfth Night.

Group II (one to be selected). Bacon's Essays; Bunyan's The Pilgrim's Progress, Part I; The Sir Roger de Coverley Papers in The Spectator; Franklin's Autobiography.

Group III (one to be selected). Chaucer's Prologue; Spenser's Faerie Queene (selections); Pope's The Rape of the Lock; Goldsmith's The Deserted Village; Palgrave's Golden Treasury (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper and Burns.

Group IV (two to be selected). Goldsmith's The Vicar of Wakefield; Scott's Ivanhoe; Scott's Quentin Durward; Hawthorne's The House of the Seven Gables; Thackeray's Henry Esmond; Mrs. Gaskell's Cranford; Dickens's A Tale of Two Cities; George Eliot's Silas Marner; Blackmore's Lorna Doone.

Group V (two to be selected). Irving's Sketch-Book; Lamb's Essays of Elia; De Quincey's Joan of Arc and The English Mail Coach; Carlyle's Heroes and Hero Worship; Emerson's Essays (selected); Ruskin's Sesame and Lilies.

Group VI (two to be selected). Coleridge's The Ancient Mariner; Scott's The Lady of the Lake; Byron's Mazeppa and The Prisoner of Chillon; Palgrave's Golden Treasury (First Series), Book IV, with especial attention to Wordsworth, Keats, and Shelley; Macaulay's Lays of Ancient Rome; Poe's Poems; Lowell's The Vision of Sir Launfal; Arnold's Sohrab and Rustum; Longfellow's The Courtship of Miles Standish; Tennyson's Gareth and Lynette, Launcelot and Elaine, and The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix; Evelyn Hope, Home Thoughts

from Abroad, Home Thoughts from the Sea, Incident of the French Camp, The Boy and the Angel, One Word More, Hervé Riele, Pheidippides.

(*b*) Study.—In addition an examination will be required upon the subject matter, literary form and logical structure of each of the works named below. A careful and critical study of the works will be necessary to prepare the candidate for the examination. The student may be required to answer questions on the leading facts of the literary periods to which the works belong and on the essentials of grammatical structure.

The books prescribed for this part of the examination are as follows:

1911—Shakespeare's Macbeth; Milton's Lycidas, Comus, L'Allegro, and Il Penseroso; Burke's Speech on Conciliation with America, or Washington's Farewell Address and Webster's First Bunker Hill Oration; Macaulay's Life of Johnson, or Carlyle's Essay on Burns.

1912—Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, and Comus, or Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Burke's Speech on Conciliation with America, or Washington's Farewell Address and Webster's First Bunker Hill Oration; Macaulay's Life of Johnson, or Carlisle's Essay on Burns.

Advanced English

A candidate who has satisfied the requirement in Elementary English with distinction may take an examination, which, if passed with a grade of A or B, shall exempt him from the prescription of English Literature 1 and 2 in College. This examination will consist of questions in Rhetoric, based on college text books, such as Carpenter's Advanced Rhetoric, Brewster's Studies in Structure and Style or Genung's Practical Rhetoric. In addition to this examination, the candidate must write a number of compositions, to prove his familiarity with the following works, or works of equal excellence:

Palgrave:
Golden Treasury (First Series)
Shakespeare:
As You Like It
Henry Fourth, Part I
Hamlet
Dickens:
A Tale of Two Cities, *or*
David Copperfield
Bunyan:
The Pilgrim's Progress
Dryden:
Alexander's Feast
Swift:
The Voyage to Lilliput
Macaulay:
Lord Clive
Life of Samuel Johnson

Eliot:
Adam Bede, *or*
Romola
Tennyson:
The Passing of Arthur
The Lady of Shalott
The Lotus Eaters
Ulysses
Pope:
The Epistle to Dr. Arbuthnot
The Rape of the Lock
Goldsmith:
The Deserted Village
Scott:
The Lady of the Lake
Kenilworth
Byron:
The Prisoner of Chillon
Irving:
The Legend of Sleepy Hollow
Rip Van Winkle
Thackeray:
Henry Esmond
Franklin:
Autobiography
Hawthorne:
The House of Seven Gables
Longfellow:
Evangeline, *or*
Miles Standish

The candidate is expected to read all the books prescribed. He should read them as he reads other books,—not trying to remember them in detail, but regarding each work as a whole and giving it such appreciation as shall enable him to write about it intelligently. In every case the examiner will regard knowledge of the books as less important than ability to write English.

LATIN

Elementary Latin

1. The Latin reading required for admission of candidates for the degree of Bachelor of Arts, without regard to the prescription of particular authors and works, is not less *in amount* than Cæsar, Gallic War, I-IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Vergil, Aeneid, I-VI.

2. The amount of reading specified above should be selected by the schools from the following authors and works: Cæsar (Gallic War and Civil War) and Nepos (Lives); Cicero (orations, letters, and De Senectute) and Sallust (Catiline and Jugurthine War); Vergil (Bucolics, Georgics, and Aeneid) and Ovid (Metamorphoses, Fasti, and Tristia).

Advanced Latin

This requirement includes the following: Cicero, De Senectute, with a critical analysis of the essay; Livy, book XXI, with a history of the Punic Wars; Horace, the Odes, including an interpretation of the poems; prose composition.

GREEK

Elementary Greek

The candidate must show a mastery of the common forms, idioms and syntax of the language, and must know the rules of accent and their changes. He will be required to translate simple English sentences into Attic Prose, and translate, at sight, passages of ordinary difficulty taken from Xenophon. The following books will meet the requirement: White, First Greek Book, or an equivalent; Xenophon, Anabasis, books I-IV.

Advanced Greek

The examination in advanced Greek includes the following authors: Homer, Iliad, books I, II, III, with prosody; Xenophon, Memorabilia, book I.

GERMAN

Elementary German

The candidate must possess an accurate knowledge of the rudiments of grammar. He should give special attention to the acquisition of a good pronunciation and to the memorizing and frequent repetition of easy colloquial sentences, and cultivate readiness in the reproduction of natural forms of expression. He is expected to have read from seventy-five to one hundred pages of graduated texts from a reader, and from one hundred and fifty to two hundred pages of literature in the form of easy stories and plays. He must be able to read, at sight, easy dialogue or narrative prose; to put into German short English sentences taken from the language of everyday life and based upon the text offered for translation; and to reproduce in an offhand way, both orally and in writing, the substance of short and easy selected passages.

Advanced German

This requirement includes, in addition to the elementary course, the reading of about four hundred pages of moderately difficult prose and poetry, with constant practice in giving German paraphrases, abstracts or reproductions from memory of selected portions of the matter read, and the study of the main principles of German syntax. The candidate should be able to read, at sight, German prose of ordinary difficulty, whether recent or classical; to put into German a connected passage of simple English, paraphrased from a given text in German; to answer any grammatical questions relating to usual forms and essential principles of the language; and to translate and explain a passage of classical literature from some text previously studied.

FRENCH

Elementary French

The general principles for the requirements in French are the same as for German. The candidate must be able to pronounce French accurately and possess a thorough knowledge of the rudiments of grammar, including the inflection of the more common irregular verbs and the elementary rules of syntax. He should be able to read at sight easy dialogue and modern French prose, and is required to put into French simple English sentences; to give abstracts of portions of texts already read; and to write French from dictation. He should have read from one hundred to one hundred and seventy-five pages of graduated texts and from two hundred and fifty to four hundred pages of easy modern prose in the form of stories, plays, or historical or biographical sketches.

Advanced French

This requirement includes, in addition to elementary French, a more thorough knowledge of syntax, the ability to write French from dictation, to read, at sight, ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, to give French paraphrases, abstracts or reproductions from memory of selected matter, and the reading of from four hundred to six hundred pages of French of ordinary difficulty, a portion to be in the dramatic form.

HISTORY

Elementary History

The candidate's preparation in History must include the general outlines of certain fields of historical study as stated below. Geographical knowledge of the countries involved is extremely important. The examination will include:

1. Ancient History, as contained in West's Ancient World, or Myers's Ancient History (Revised Edition), in connection with Seignobos's Ancient Civilization. The applicant will be expected to be prepared to write on a topic selected from one of the following supplementary readings: Botsford's Athenian Constitution, Coulanges's Ancient City, and Ward-Fowler's City-State of the Greeks and Romans; *and*

2. English History as treated in Andrews's or Larned's History of England, or Walker's Essentials of English History. The applicant will be expected to know the chief factors of Anglo-Saxon civilization which influenced American institutions; *or*

3. American History, as contained in McLaughlin's The American Nation, Adams and Trent's History of the United States, or Ashley's American History. The applicant must show thorough acquaintance with the main facts of the political, social and economic development of the United States as a nation.

MATHEMATICS

Elementary Mathematics

Arithmetic, with the metric system of weights and measures, as much as is contained in Wentworth's Advanced Arithmetic. Elementary Algebra, including Variation and the Binomial Theorem, as in Wells's Essentials of Algebra, or its equivalent. Plane Geometry, complete as in Phillips and Fisher's Plane Geometry, or its equivalent. *It is strongly recommended that prospective students review Mathematics thoroughly before entrance.*

Advanced Mathematics

1. Solid Geometry, as contained in Phillips and Fisher's Geometry of Space, or its equivalent.

2. Algebra continued, to include The Progressions, Choice and Chance, Partial and Continued Fractions, Graphical Representation, Complex Numbers and Logarithms, as contained in Hawkes's Advanced Algebra, or its equivalent.

3. Plane Trigonometry, as in Ashton and Marsh's Plane and Spherical Trigonometry, Chapters I-IV and VI, or its equivalent.

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SCIENCE

Elementary Science

1. Physical Geography. The equivalent of Gilbert and Brigham's Physical Geography.

2. Botany. Textwork equal in amount to that contained in Coulter's Plant Relations, or its equivalent. Laboratory work on the structure and life history of at least ten plants, and the ability to identify ordinary seed plants. The laboratory note-book must be presented by the candidate with the certificate for entrance; *or*

Zoölogy. Textwork equal in amount to that contained in Davenport's Introduction to Zoölogy; laboratory work, the study of at least ten common types of animal life, the drawings and descriptions of which must be presented by the candidate in a laboratory note-book certified by the teacher.

3. Physics. Textwork equal in amount to that contained in Carhart and Chute's High School Physics (1907 edition).

4. Chemistry. Textwork equal in amount to that contained in Remsen's Introduction to Chemistry.

In connection with the textwork in either Physics or Chemistry there will be required laboratory work comprising at least forty experiments by the candidate himself. The laboratory notebook, properly paged and indexed and certified by the teacher must be presented with the certificate for entrance.

TERMS OF ADMISSION

The relative weight which will be given to the studies defined above, in determining the candidate's fitness for admission is indicated in terms of units by the figures attached to the studies as named in the following list. A unit represents, in general, four periods of one hour each of class-room work per week for one academic year.

Elementary	Advanced	
English (3)	English (1)	
Latin (4)	Latin (1)	
Greek (2)	Greek (1)	
German (2)	German (1)	
French (2)	French (1)	
Ancient History (1), *and*	Solid Geometry	
English History (1), *or*	College Algebra	(1)
American History (1)	Trigonometry	
Algebra (1.5)		
Plane Geometry (1)		
Physical Geography (.5)		
Zoölogy or Botany (.5)		
Physics (1)		
Chemistry (1)		

The units of credit offered by a candidate for the degree of Bachelor of Arts must be distributed as follows: English (3), Latin (4), Greek, German or French (2), History (2), Mathematics (2.5), Physics or Chemistry (1).

The units of credit offered by a candidate for the degree of Bachelor of Science must be distributed as follows: English (3), German (2), Latin or French (2), History (2), Mathematics (3.5), Science (2), including Physics.

A candidate offering less than fourteen and one-half units may be admitted with conditions to the extent of two units, but these two must not be in the same subject.

A student who satisfies the above requirements for admission, and offers, in addition, at least four units from the advanced list, is admitted to advanced standing and may complete the requirements for a degree in three years. No advanced study may be offered without the corresponding elementary study.

Students who are not fully prepared to meet the requirements for admission will find adequate opportunity to complete their preparation in the Ursinus Summer Session.

The Regular Examinations for Admission will be held in Memorial Hall on Monday and Tuesday of Commencement week, June 5th and 6th, and on Tuesday, September 12th, 1911, at the opening of the collegiate year.

CANDIDATES FOR MATRICULATION

Persons who are not prepared for admission to college according to the terms set forth above, but whose deficiencies are not excessive, may register as Candidates for Matriculation.

The Faculty does not prescribe specific requirements for the registration of candidates, as in the case of matriculants, but passes upon the qualifications of each applicant individually.

To provide for the instruction of such students, courses are offered in certain subjects preparatory to the work of the First year. No formal announcement of these courses is made as they are adapted in each case to the needs of the candidates. The instruction is given by regular members of the teaching staff.

Candidates are permitted to register for college courses in subjects in which they may give evidence of satisfactory preparation. No student can become a matriculant, however, until the terms of admission are fully met.

Candidates for Matriculation have the same rights and privileges and the same responsibilities in the institution as regularly matriculated students.

SPECIAL STUDENTS

Persons who give satisfactory evidence of their fitness to pursue the particular courses they may choose to elect, are admitted to college as special students upon recommenda-

tion of the Advisers in whose groups they desire to take the greater part of their work. This recommendation must be concurred in by the professors in whose departments the students seek instruction.

When admitted, special students are enrolled as members of the groups they have chosen and are under the direction of the regular advisers. Special students must register for at least twelve hours of class-room work per week and are held accountable for the satisfactory completion of courses for which they register. They are subject to the same regulations as other students.

ADMISSION TO ADVANCED STANDING

A student may be admitted to advanced standing at the beginning of any term, not later than the first term of the Fourth year; either

1. By Examination, in all the studies required for admission and in the studies which have been pursued by the class he may wish to enter, provided the candidate attain a grade not lower than B in such examination; or

2. From Another College, provisionally, to the standing which he held in the college he last attended, upon written evidence of his standing and of the work done.

GOVERNMENT

Students whose application for admission to college has been approved by the Faculty, become members of the institution by matriculating at the Dean's office.

REGISTRATION

All students must register at the opening of the college year for the work of the whole year. No student once admitted to the institution will be allowed to register after the close of registration day, or to change his registration later than one week after registration day, except by special permission of the Faculty.

Government

ABSENCES

A student who is absent from more than one-eighth of the exercises in any course during a term is required to take an extended examination for which a fee of One Dollar is charged. Absences within the one-eighth limit do not affect a student's record in scholarship. Absences are counted from the first class exercises in any subject, and at the beginning or end of a term and immediately preceding and following a recess they count double. No excuses for absence from class exercises are granted.

ADVISERS

At the beginning of the year the Faculty appoints from its own number Advisers for the students in each of the seven Groups in which the courses of instruction are offered. The students of each Group are amenable to the Adviser of the Group in all matters of conduct, study and discipline. He grants leave of absence and excuses. His approval is necessary before a student may register for or enter upon any course of study, or discontinue any work. He is the medium of communication between the Faculty and the students of his Group, and in a general way stands to his students in the relation of friendly counsellor.

GRADES OF SCHOLARSHIP

On the completion of a course the standing of a student is expressed, according to his proficiency, by one of five grades, designated respectively by the letters A, B, C, D, E. Grade E in any course denotes failure.

A permanent record is kept of each student's work, and a report of the same is sent to his parents or guardian at the close of each term.

PUBLIC WORSHIP

Students are required to attend religious services in the college chapel each day of recitations, and are expected to attend services on Sunday morning in some adjacent church of their own or their parents' choice.

COURSES OF INSTRUCTION

The following courses of instruction are provided for the year 1911-1912:

The courses are arranged as full courses or half-courses, according to the estimated amount of work in each and its value in fulfilling the requirements for graduation. Half-courses are designated as such, and, in general, represent three hours of class work a week for a half year, or two hours for a year. All other courses are full courses, requiring three hours of class work a week for a year, or two hours of class work and a prescribed amount of outside work.

A candidate for the degree of Bachelor of Arts or Bachelor of Science must complete twenty full courses or an equivalent amount of courses and half-courses.

LATIN

Professor KLINE.

1. Cicero, De Senectute, with a critical analysis of the essay.—Livy, Book XXI.—History of the Punic Wars.—Horace, the Odes with sight reading. The Horatian meters will be carefully studied, together with the interpretation of the poems.—Latin Prose Composition, once a week throughout the year. *Mon., Wed., Fri., at 10.*

   Course 1 is prescribed for all candidates for the degree of Bachelor of Arts.

2. Horace, Satires and Selected Epistles.—Cicero, De Oratore.—Horace, Ars Poetica. *Mon., at 12; Tu., Th., at 11.*

3. (*a*) Latin Comedy. Terence, Phormio and Heauton-Timorumenos.—Plautus, Captivi or Trinummus and Menæchmi. Lectures upon the ancient theatre and kindred topics. (*b*) Cicero and Pliny the Younger, Selected Epistles. This part of the course is designed to train the student in the power of rapid reading, by covering a large amount of Latin of only moderate difficulty. *Tu., Th., at 9.*

4. Tacitus, Agricola, Germania and Selections from the Annals.—Lucretius, De Rerum Natura. *Tu., Th., at 9.*

   Courses 3 and 4 are given in alternate years; Course 4 will be given in 1911-1912.

   Courses 3 and 4 are optional as alternatives with the corresponding courses in Greek in the Classical group.

5. Teachers' Course.—A consideration of the aims and purposes of classical studies. Preparatory authors will be discussed and interpreted with special regard to the essential points in teaching. *Half-course (Second Term) three times a week, at the convenience of instructor and students.*

Course 5 is elective in the Latin-Mathematical group and for others in special cases.

GREEK

Professor Wailes, Professor Kline.

1. Elementary Greek.—White's First Greek Book.—Elementary Composition.—Reading of Selections from the Anabasis of Xenophon. *Mon., at 12; Tu., Th., at 10.*

This course may be elected by students who wish to acquire by extraordinary effort, in one year, the ability to read Attic prose.

2. Homer, Iliad, Books I, II, III.—Greek Prosody.—Exercises in Scanning.—Xenophon, Memorabilia, Book I.—Charges against Socrates discussed.—Reading at sight. *Tu., Th., Fri., at 12.*

Course 2 is prescribed for all students in the Classical group who offer Greek for admission.

Herodotus, Babylonian History.—Study of the Ionic Dialect.—Plato, Apology and Crito.—Greek Philosophy.—Greek Literature. *Wed., Fri., at 12.*

Course 3 is prescribed in the Classical group, and is not offered in the other groups.

4. Demosthenes, De Corona.—Plan of the Oration and Grecian History discussed.—Æschylus, Agamemnon.—History of the Play.—Greek Theatre.—Sophocles, Œdipus Tyrannus. *Hours to be arranged.*

5. Arrian, Selections from the Anabasis of Alexander.—Euripides, Iphigenia in Taurus.—Pindar, Selections from the Odes. *Hours to be arranged.*

Courses 4 and 5 are given in alternate years; Course 4 will be given in 1911-1912.

Courses 4 and 5 are optional as alternatives with the corresponding courses in Latin in the Classical group.

6. New Testament Greek.—The Synoptic Gospels and John. Mark will be used as a basis for the study of the Synoptic Gospels, and will be read exegetically, and Matthew and Luke will be read at sight. The Gospel according to John will be studied exegetically and parts of the Gospel will be read at sight.—Westcott and Hort, New Testament in Greek. Lectures on Special Introduction. *Mon., Th., at 2; Wed., at 12.*

7. New Testament Greek.—The Epistles. These are studied exegetically and preceded by lectures on Special Introduction. *Mon., Th., at 2; Wed., at 12.*

Courses 6 and 7 are offered in alternate years; Course 7 will be offered in 1911-1912.

HEBREW

Professor Wailes.

1. Elementary Hebrew.—A thorough grammatical training in connection with the philological analysis of selected chapters of the Book of Genesis. Harper, Introductory Hebrew Method and Manual. Harper, Elements of Hebrew. *Three hours a week, to be arranged.*

ENGLISH

English Composition.

Professor Smith, Mr. Yost.

1. Rhetoric and English Composition.—Lectures on the theory of Rhetoric, recitations, written exercises weekly. Genung, Practical Rhetoric. One hour a week throughout the year. *Half-course, Wed., at 11.*

Course 1 is prescribed in all the groups.

2. English Composition.—Written exercises and individual conferences. Genung, Rhetorical Analysis. One hour a week throughout the year. *Half-course, Wed., at 9.*

Course 2 is a continuation of Course 1, and is prescribed in all the groups.

4. Essays and Dissertations.—Six themes, argumentative or expository, requiring careful study of authorities. One hour a week throughout the year. *Half-course, hours to be arranged.*

Course 4 is elective in all the groups.

English Literature.

Professor Smith.

1. History of English Literature.—Detailed study of great writers. Lectures on the historical development of literary species. Manly, English Poetry. Carpenter, Model Prose. Two hours a week throughout the year. *Half-course, Mon., Fri., at 11.*

Course 1 is prescribed in all the groups.

2. History of English Literature.—Study of masterpieces and discussions in class. Lectures on Literary Criticism. Gummere, Handbook of Poetics. Two hours a week throughout the year. *Half-course, Mon., Fri., at 9.*

Course 2 is a continuation of Course 1, and is prescribed in all the groups.

3. The English Drama.—An investigation of the origin and early development of the English Drama culminating in Marlowe and Shakespeare. *Half-course (First Term), Tu., Th., at 10; Fri., at 12.*

4. Modern Essayists.—The essay form discussed with special attention to its modern development. The authors chiefly studied are Lamb, Macaulay and Stevenson. *Half-course (Second Term), Tu., Th., at 10; Fri., at 12.*

5. Modern Poetry.—Lectures and critical readings to illustrate the main tendencies of modern poetry. The poets chiefly studied are Tennyson, Browning and Matthew Arnold. *Half-course (First Term), Tu., Th., at 10; Fri., at 12.*

6. Eighteenth Century Essayists.—The aim of this course is to trace the early development of the essay form, and to interpret the history of the period by its literature. *Half-course (Second Term), Tu., Th., at 10; Fri., at 12.*

Courses 5 and 6 will not be offered in 1911-1912.

7. Elements of Literary Criticism.—The essential elements of literature, its chief forms, and the different methods and principles of criticism discussed. There will be constant illustration and application of these principles throughout the course. Winchester, Principles of Literary Criticism. *Hours to be arranged.*

Anglo-Saxon.—Smith, Old English Grammar.—Bright, Anglo-Saxon Reader.—Emerson, History of the English Language. *Hours to be arranged.*

Courses 3, 4, 7 and 8 are elective in all the groups.

GERMAN

Professor Holzwarth.

Elementary German.—Pronunciation, grammar, memorization of short German poems, practice in speaking and writing.—Bierwirth, Beginning German.—Allen, Herein.—Zschokke, Der zerbrochene Krug.—Heyse, L'Arrabbiata.—Bacon, Im Vaterland. *Mon., Tu., Th., Fri., at 2.*

This course is prescribed for all students who do not offer German for admission.

2. Second Year German.—Review of grammar, oral and written exercises, German songs, memorization of short poems, prose readings such as: Die Schildbürger.—Bacon, Im Vaterland. —Seidel, Leberecht Hühnchen.—Storm, Auf der Universität. —Wildenbruch, Das edle Blut.—Keller, Kleider machen Leute. *Mon., at 12; Tu., Th., at 10.*

   Course 2 is intended primarily for students who have taken Course 1 in college.

3. Intermediate German.—Review of grammar, conversation and written composition, selections from modern and classical German literature such as: Goethe, Hermann und Dorothea. —Freytag, Die Journalisten.—Eichendorff, Aus dem Leben eines Taugenichts.—Schiller, Maria Stuart.—Vilmar und Richter, German Epic Tales.—Riehl, Das Spielmannskind; Der stumme Ratsherr.—Reading at sight. *Tu., Th., at 11; Fri., at 12.*

4. Intermediate German.—Review of grammar, conversation and written composition, selections from modern and classical German literature such as: Lessing, Minna von Barnhelm.— Goethe, Iphigenie.—Heyse, Anfang und Ende.—Keller, Fähnlein der sieben Aufrechten.—Meyer, Gustav Adolfs Page.— Chamisso, Peter Schlemihl.—Reading at sight. *Tu., Th., at 11; Fri., at 12.*

   Courses 3 and 4 are intended for students who offer German for admission, and are given in alternate years. Course 3 will be given in 1911-1912.

5. Advanced German.—History of the German language and literature, writing in German of themes on assigned topics, conversation, especial study of the literature of the classical period.—Lessing, Emilia Galotti; Nathan der Weise.—Schiller, Ballads; Dramas.—Goethe, Lyrics; Faust I.—"Die besten Gedichte." *Mon., at 11; Wed., at 10.*

6. Advanced German.—Conversation, class discussions in German on assigned topics, written themes, survey of modern German literature and rapid reading of modern writers.—Sudermann, Der Katzensteg; Die Ehre.—Hauptmann, Der Biberpelz; Die Weber.—Grillparzer, Sappho.—Hebbel, Maria Magdalene.— Wagner, Operas.—German newspapers. *Mon., at 11; Wed., at 10.*

   Courses 5 and 6 are given in alternate years. Course 5 will be given in 1911-1912.

   The lectures on the history of the German language and literature are given in German, the recitations in Courses 5 and 6 are carried on in German, and the recitations in other courses as much as possible in German.

7. Teachers' Course.—Elementary phonetics, practice in pronunciation, review of grammar from the standpoint of the teacher, discussion of textbooks, classroom teaching. Required of all who desire to be recommended as teachers of German. *Half-course, hours to be arranged.*

FRENCH

Professor Holzwarth, Mr. Stamy.

1. Elementary French.—Pronunciation, grammar, easy reading with practice in speaking and writing.—Fraser and Squair, French Grammar and Reader.—Churchman, Introduction to the Pronunciation of French.—Bruno, Les Enfants Patriotes.—Malot, Sans Famille.—Laboulaye, Contes Bleus. *Mon., Tu., Th., Fri., at 8.*

   This course is prescribed for all students who do not offer French for admission. For students electing the Classical and Latin-Mathematical groups it absolves the requirements in French. Other students must take Course 2 or 3.

2. Intermediate French.—Pronunciation, grammar, oral and written exercises, dictation, prose readings such as: Daudet, Le petit Chose.—Chateaubriand, Atala.—Labiche and Martin, Le Voyage de M. Perrichon.—Pailleron, L'Etincelle.—La Brète, Mon Oncle et mon Curé.—Augier and Sandeau, Le Gendre de M. Poirier. *Mon., at 8; Wed., Th., at 12.*

3. Intermediate French.—Pronunciation, grammar, oral and written exercises, dictation, prose readings such as: Erckmann-Chatrian, Histoire d'un Paysan.—Pailleron, Le Monde ou l'on s'ennuie.—Daudet, La Belle-Nivernaise.—Halévy, L'Abbé Constantin.—Labiche and Martin, La Poudre aux Yeux.—Fleurs de France. *Mon., at 8; Wed., Fri., at 12.*

   Courses 2 and 3 are given in alternate years. Course 3 will be given in 1911-1912.

4. Advanced French.—History of the French language and literature, composition and conversation, readings from the classical period.—Corneille, Le Cid; Horace.—Molière, L'Avare; Le Bourgeois Gentilhomme.—Beaumarchais, Le Barbier de Séville.—La Fontaine, Fables.—Racine, Athalie. *Tu., Th., at 8.*

5. Advanced French.—Rapid reading of modern French authors, composition and conversation.—Loti, Pêcheur d'Islande.—Mérimée, Colomba.—Dumas fils, La Question d'Argent.—

Maupassant, Huit Contes Choisis.—Lamartine, Graziella.—Zola, Selections.—Hugo, La Chute.—Pellissier, Mouvement littéraire au XIX siècle. *Tu., Th., at 8.*

Courses 4 and 5 are offered in alternate years. Course 5 will be offered in 1911-1912. Students in the Modern Language group are required to take one or the other. To other students they are elective, with the permission of the instructor.

PHILOSOPHY

Professor CALDWELL.

1. Logic.—A study of the formal laws of thought, with their application to the special methods of the sciences; outlines of the general character of the thinking process; introduction to certain features of the algebra of classes, propositions and relations. *Half-course (Second Term), Mon., Wed., Fri., at 9.*

2. Psychology.—A study of the nature of consciousness in its relation to external conditions and cerebral accompaniments, and its various states and functions. A fundamental course. Lectures, demonstrations and required readings. *Half-course (First Term), Mon., Wed., Fri., at 9.*

Courses 1 and 2 are prescribed in all the groups.

3. History of Philosophy.—Typical systems in ancient and mediæval philosophy; modern philosophy from Descartes through Kant; important tendencies in Post-Kantian thought.—Weber, History of Philosophy; Bakewell, Sources in Ancient Philosophy; Rand, Modern Classical Philosophers. *Half-course, two hours, to be arranged.*

4. Seminar in Philosophy.—Reading and discussion of texts in connection with Course 3. Selections from the great systems of philosophy. *Half-course, one hour, to be arranged.*

Course 4 is required of all candidates for honors in philosophy.

5. Ethics.—A study of the principles of moral judgment, with exposition and criticism of the great theories concerning the basis of the distinction between right and wrong conduct. A consideration of the various problems of theoretical and practical ethics. Papers by students. *Half-course (First Term), Mon., Tu., Th., at 12.*

Course 5 is prescribed in all the groups.

6. Educational Psychology.—A study of the psychological principles of teaching. Texts, discussions, lectures and required readings. Papers by students. *(Second Term) hours to be arranged.*

7. Metaphysics.—A study of the leading types of philosophical theory. Papers by students on assigned topics. *Half-course (Second Term), Mon., Tu., Th., at 12.*

8. Æsthetics.—Outline study of the general features of the various fine arts, with discussion of the principal æsthetic problems.—Van Dyke, College Histories of Arts; G. Baldwin Brown, The Fine Arts; Knight, The Philosophy of the Beautiful, Part II. *Half-course, hours to be arranged.*

Courses 3, 4, 7 and 8 are elective for fourth-year students in all the groups.

EDUCATION

Professor Omwake.

1. History of Education.—The ruling ideal in education traced in its development and modifications through the various stages of civilization.—Lectures, collateral readings and papers by students. *Half-course (First Term), Mon., Wed., Fri., at 11.*

Course 1 is prescribed in the Modern Language and the English-Historical groups, and is elective in the other groups.

2. Philosophy of Education.—A study of the doctrines of leading educators of the nineteenth century, followed by a constructive study of education in view of modern conditions and in the light of contemporary science and philosophy. Lectures, collateral readings and papers by students. *Half-course (Second Term), Mon., Wed., Fri., at 11.*

3. Practice of Education.—A study of the teaching process, with special emphasis on the science of habit-formation. Consideration of school exercises in the light genetic psychology and the materials of education. Lectures, collateral readings and papers by students. *Half-course (Second Term), hours to be arranged.*

Courses 2 and 3 are elective for fourth-year students in all of the groups.

THE ENGLISH BIBLE

Professor Good, Professor Wailes.

1. Studies in the Old Testament.—The religious development of Ancient Israel. Special study of the work and words of the Prophets. Lectures with collateral readings. *Half-course, Tu., Th., at 3.*

Course 1 is prescribed for first-year students in all of the groups.

2. Studies in the New Testament.—The life and teachings of Christ. The Apostolic Age as reflected in The Acts and the Epistles. Lectures with collateral readings. *Half-course, Wed., Fri., at 2.*

Course 2 is prescribed for third-year students in all of the groups.

HISTORY OF THE CHRISTIAN CHURCH

Professor Good.

1. History of the Early Church.—The spread of the Gospel.—Roman Persecutions.—Government and Discipline of the Church.—Christian Life and Worship, Literature and Doctrine. *Half-course (Second Term), hours to be arranged.*

2. History of the Reformation.—The rise and progress of Protestantism.—The Reformation in Germany, Switzerland, France and Scotland.—Development of Christian Doctrine. *Half-course (Second Term), hours to be arranged.*

Courses 1 and 2 are offered in alternate years. Course 1 will be offered in 1911-1912.

HISTORY

Professor Howland.

1. Mediæval and Modern History.—An introductory course based upon a study of the social and intellectual changes in the development of the principal countries of Western Europe, from the time of Julius Cæsar to the beginning of the seventeenth century. *Wed., Fri., at 11.*

Course 1 is prescribed in all the groups except the Chemical-Biological.

2. History of Modern Europe.—This course deals with the political, social and industrial changes in Europe in the eighteenth and nineteenth centuries which have had a marked influence upon the conditions of modern society. *Half-course (First Term), Wed., Fri., at 12.*

3. History of England.—A study of the origin and growth of Anglo-Saxon political institutions from the Norman Conquest to the accession of William and Mary; the course is designed primarily as a background for an analysis of the development of English institutions in America. *Half-course (Second Term), Wed., Fri., at 12.*

Courses 2 and 3 together count as one course for the year.

4. History of the United States.—A course based on the colonial and revolutionary periods of American History requiring a critical analysis of documents and a thorough study of some of the best secondary sources. *Hours to be arranged.*

Courses 2, 3 and 4 are prescribed in the Historical-Political group, and are elective in the other groups.

ECONOMICS

Dr. Caldwell.

1. Economics.—An introductory course in the development of economic life and theory with special emphasis upon the primary principles of economic thought. *Half-course (First Term), Mon., Wed., Fri., at 10.*

   Course 1 is prescribed in all the groups.

2. Public Finance.—A consideration of the needs and resources of the State, the forms and principles of taxation, the issues involved in a public debt, and a general discussion of the financial operations of governments. *Half-course, two hours, to be arranged.*

3. Economic History.—A survey of the industrial history of England followed by a careful study of the economic development of the United States from colonial times to the present day. *Half-course, two hours, to be arranged.*

   Courses 2 and 3 are given in alternate years and are elective in all of the groups. Course 2 will be offered in 1911-1912.

POLITICS

Professor ————

1. Comparative Politics.—An introduction to the principles of Politics followed by an analysis of the governmental systems of France, Germany, Switzerland, England and the United States. *Half-course, hours to be arranged.*

2. American Politics.—A special study of the political system of the United States embracing a consideration of the federal constitution, the origin and working of political parties, and the problems of administration in state and nation. *Half-course, hours to be arranged.*

   Courses 1 and 2 are prescribed in the Historical-Political group, and are elective in the other groups.

3. Political and Social Theories.—An historical survey of the development of ideas regarding law, government, sovereignty and rights, including an introduction to the study of modern social theories. *Half-course, two hours, to be arranged.*

4. Municipal Government.—This course aims to present a sketch of city government in England and Continental Europe preliminary to a special consideration of the history and problems of city government in the United States. *Half-course, two hours, to be arranged.*

   Courses 3 and 4 are given in alternate years and are elective in all of the groups. Course 4 will be offered in 1911-1912.

All of the courses in History, Economics and Politics are based upon texts which are supplemented by lectures, collateral readings and the investigation of special topics. A Seminar open to third and fourth-year students meets bi-weekly, from October to May, for special study of modern political and social conditions.

MATHEMATICS

Professor Clawson.

1. Solid Geometry, Advanced Algebra and Trigonometry. Durell, Solid Geometry. Brenke, Advanced Algebra and Trigonometry. *Mon., Wed., Fri., at 9.*

   Course 1 is prescribed in all the groups.

2. Plane Analytic Geometry.—Fine and Thompson, Coördinate Geometry. Introductory Course in the Infinitesimal Calculus.—Hayes, Calculus with Applications. *Mon., Fri., at 10; Tu., at 12.*

   Course 2 is prescribed in the Latin-Mathematical and Mathematical-Physical groups and for all candidates for the degree of Bachelor of Science. It is elective in the other groups.

3. (*a*) Descriptive Geometry.—An elementary course such as is required in this subject in all technical schools; a study of the representation of points, lines, planes, and curved surfaces; projections, sections, and developments.—Ferris, Elements of Descriptive Geometry. *Three hours, to be arranged.*

   (*b*) Mechanical Drawing.—A thorough elementary drill to familiarize students with the use of instruments; a study of lettering; original problems, illustrating the principles of descriptive geometry. *One period of two hours, to be arranged.*

   Course 3 is a half-course, elective in the Latin-Mathematical and Mathematical-Physical groups.

4. Solid Analytical Geometry.—Tanner & Allen, Analytical Geometry. Differential and Integral Calculus.—Osgood, Differential and Integral Calculus.—Perry, Calculus for Engineers. *Mon., at 12; Tu., Th., at 11.*

   Course 4 is prescribed in the Latin-Mathematical and Mathematical-Physical Groups, and is elective in the other groups.

5. One or more of the following subjects, according to the special needs of the class: Supplementary Work in Integral Calculus, Differential Equations, Projective Geometry, Vector Analysis,

Modern Geometry, Spherical Trigonometry. *Two hours a week, to be arranged.*

Course 5 is prescribed in the Mathematical-Physical group, and is elective in the Latin-Mathematical group.

In all the courses in Mathematics, the solving of problems constitutes a large portion of the work. Stress is laid upon this feature. The course in Trigonometry includes optional work with field instruments.

PHYSICS

Professor Clawson, Mr. Rapp.

2. Mechanics.—A careful study of the theory, together with a thorough drill in the application of the principles to the solution of practical problems, and an adequate amount of work in the laboratory. *Tu., at 9, 10; Wed., at 8; Th., at 9.*

3. Heat, Light and Sound.—As in Course 2, a study of the theory with applications to problem work and laboratory work. *Tu., at 2; Wed., at 12; Fri., at 12.*

Course 3 is prescribed in the Mathematical-Physical group and is elective for students in other groups who have had Physics 2.

4. Magnetism and Electricity.—As in Courses 2 and 3, a study of the theory with applications to problem work and laboratory work. *Tu., at 2; Wed., at 12; Fri., at 12.*

Course 4 is prescribed in the Mathematical-Physical group, and is elective for all students who have taken Physics 2. Course 4 will not be given in 1911-1912.

5. Astronomy.—A course in general astronomy. *Half-course, hours to be arranged.*

Course 5 is elective for all students who have taken Physics 2 and Mathematics 2.

All students working in the physical laboratory are required to keep in note-books an orderly record of their experimental work.

GEOLOGY

Professor Fox.

1. Geology.—A study of the subject chiefly in its dynamical and historical aspects. The agencies which have made the surface of the earth what it is are considered. The main outlines of historical geology are brought out, with the origin in time of the great groups of animals and plants. Special attention is given to local geology. Field trips are taken at intervals. Scott, Introduction to Geology. *Half-course, hours to be arranged.*

CHEMISTRY

Professor Beardwood, Mr. Rapp.

1. General Chemistry.—Experimental lectures, oral and written recitations, and laboratory work. The lecture periods are devoted to the discussion of facts and theories of general chemistry and are kept thoroughly parallel with the laboratory periods, each being the parts of a coherent whole; thus assuring to the student a comprehensive and connected view of the important facts, theories and laws of general chemistry. Remsen, College Chemistry. Meyer, Outlines of Theoretical Chemistry. *Wed., Fri., at 2.*

Laboratory Work.—Experiments and analysis. Each student performs over two hundred experiments in general chemistry, after which he learns the methods of qualitative analysis and is required to separate and identify elements in all the groups. He preserves a record of all laboratory work done in a note-book, properly paged and indexed. *Wed., Fri., at 3. Laboratory work, five hours weekly.*

Course 1 is prescribed in the Chemical-Biological group, and is elective in the other groups.

2. Analytical Chemistry.—Lectures, demonstrations and laboratory work. A thorough course in qualitative and quantitative analysis of inorganic substances; this includes the theory and practice of typical gravimetric and volumetric methods of analysis. Prerequisite, Course 1. Newth, Manual of Chemical Analysis. Fresenius, Qualitative and Quantitative Analysis. *Wed., Fri., at 2. Laboratory work, five hours weekly.*

3. (*a*) Organic Chemistry.—Lectures, recitations and laboratory work. The study of the properties, synthesis and structure of the most important classes of the carbon compounds. The student prepares and studies experimentally the typical carbon compounds. Remsen, Organic Chemistry. Von Richter, Organic Chemistry. *Wed., Fri., at 2.*

(*b*) Physiologic Chemistry.—Lectures, recitations and laboratory work. This includes a study of the chemic composition of the body and the chemic changes it undergoes; the chemistry of foods, the action of the digestive enzymes upon them, and the chemistry of the different body fluids. Halliburton, Physiologic Chemistry. *Wed., Fri., at 2.*

Courses 2 and 3 are given in alternate years. Course 2 will be given in 1911-1912.

Course 2 is prescribed in the Chemical-Biological group and is elective in the other groups for students who have taken Course 1.

BIOLOGY

Professor Fox.

1. Physiology.—Lectures designed to give the student clear ideas as to the general structure and essential processes of the human body. The lectures are accompanied by demonstrations, ample facilities for which are at hand in the laboratory. *Half-course (Entire Year), Wed., at 8.*

Course 1 is elective in all groups.

2. General Biology.—A systematic study of structure and function, and of the relation of organisms to their surroundings. Special lectures are devoted to the discussion of the important principles of Biology—Heredity, Variation, Evolution, Development. *Tu., Th., at 9.*

Field Work.—One afternoon each week during the Spring months.

Laboratory Work.—Two afternoons each week are devoted to a practical study of forms and structures illustrative of the topics treated in the lectures, and of the main groups of both plant and animal kingdoms. Each student is required to make careful drawings and to keep a permanent record of his observations. *Tu., Th., 2-4.*

Course 2 is prescribed in the Chemical-Biological group and is elective in the other groups.

3. Botany.—A study of those portions of the science deemed of most value to the student. The course falls into three parts: The first continues the study of types begun in the previous year, and includes a scheme of classification from the standpoint of development. The second is devoted to a special consideration of primary and fundamental physiological processes. The third deals with the relations of plants to the physical factors of their environment, to other plants, to animals, and with their relation to man. *Mon., 2-4; Tu., 10-1; Th., 12.*

4. Comparative Anatomy of the Vertebrates.—A study of the classification, external characteristics and organ-systems of the vertebrates. Laboratory work on such types as amphioxus, shark, bony fish, salamander, frog, lizard, pigeon and cat. Attention is also given to the human skeleton. Reference book: Parker and Haswell, Zoölogy, Vol. II. Lectures and recitations two hours per week. Laboratory work four hours per week. *Mon., 2-4; Tu., 10-1; Th., 12.*

Courses 3 and 4 are given in alternate years. Course 4 will be given in 1911-1912.

Courses 3 and 4 are prescribed in the Chemical-Biological group, and are elective in other groups for students who have taken Course 2.

5. Histology and Physiology.—Advanced course in the minute study of the tissues and organs, and of their functions, with particular reference to the mammals and man. Stohr, Text-book of Histology; Huxley and Lee, Elementary Physiology. One hour recitations, two hours laboratory per week. *Half-course, hours to be arranged.*

Course 5 is elective in the Chemical-Biological group, and is not offered in the other groups.

6. Comparative Embryology of the Vertebrates.—Advanced course in the Embryology of typical vertebrates. Most attention is devoted to a study of development of the external form and internal organs in such forms as the shark, frog, chick and pig. References: Marshall, Vertebrate Embryology; Lillie, Development of the Chick. One hour lectures and recitations, two hours laboratory work. *Half-course, hours to be arranged.*

Course 6 is elective in the Chemical-Biological group, but must be accompanied or preceded by Course 4.

COURSES IN MUSIC

Students in the College who satisfactorily complete courses in theoretical music as offered in the School of Music, may receive credit for the same towards graduation. For a statement of the courses in Music see pages 71, 72.

GROUPS OF COURSES

The Courses of Instruction named in the preceding pages are offered in carefully arranged groups, each comprising (1) dominant subjects, which adapt the courses to the needs of particular classes of students and afford special preparation for professional study; (2) related subjects, to give the breadth and symmetry requisite in a liberal education; (3) studies common to all the groups and required of all students.

A student may substitute, with the approval of his group Adviser and the Faculty, other studies for elective courses laid down in his group; or, at the close of a year, he may change to another group. When a student changes to another group he will, however, receive credit on his required work for graduation only for such of the prescribed courses which he may have completed as are included in the group to which he has received permission to change.

CHOICE OF STUDIES

Before a student may register he must obtain his Adviser's approval of his choice of studies (in a book provided for that purpose). He must include in the list all his studies, both prescribed and elective, *for the whole year.*

REQUIREMENTS FOR GRADUATION

A student must complete, for the degree of Bachelor of Arts or Bachelor of Science, *twenty full courses,* or an equivalent number of courses and half-courses, as follows: First year, five and one-half courses; Second year, five courses; Third year, five courses; Fourth year, four and one-half courses. If at the beginning of any year after the first, his record of work done is complete he may elect an extra course. Such extra course does not count towards the twenty full courses required of him for a degree, but may count for department honors. A student electing an extra course must complete it the same as a regular course.

A candidate for the degree of Bachelor of Arts must complete at least one year of Latin in addition to the Latin required for admission; two years of each modern language in all groups except the Classical, in which only one year of each is required, and the Latin-Mathematical, in which only one year of French is required; and at least one laboratory course.

A candidate for the degree of Bachelor of Science must complete at least one year of Mathematics in addition to the mathematics required for admission; two years of German in addition to the German required for admission; two years of French; and at least two laboratory courses.

Students who have passed a modern language for admission are required to take only one year additional of the language passed, except in the case of members of the Classical group, who must begin the study of Greek instead, and in the case of members of the Historical-Political group and of all candidates for the degree of Bachelor of Science, who are required to take at least two years additional of German.

The requirements in modern languages and laboratory science must be fulfilled one year prior to graduation.

College courses as admission studies

Any of the courses of the First Year may be presented in satisfaction of the requirements for admission, but when so presented they may not be counted as college work.

On the following pages, in the tabulated statement of the Groups, the figures or letters attached to the subjects refer to the courses of instruction as arranged according to departments in the preceding pages. Detailed information as to topics, text-books, methods of instruction and hours of recitation may be found on pages 30 to 44.

Prescribed courses are printed in **Heavy-Faced Type**; elective courses in light-faced type.

CLASSICAL GROUP

First Year

Latin 1
Greek 1 *or* **2**
Mathematics 1
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
German 1; *or*
French 1
Biology 1, *hf.*

Second Year

Latin 2
Greek 2 *or* 3
English Comp. 2, *hf.*
English Lit. 2, *hf.*
History 1
German 2 *or* 3
French 1
Biology 1, *hf.*
Geology 1, *hf.*
Chemistry 1; *or*
Biology 2
Mathematics 2

Third Year

Latin 4; *or*
Greek 4 *or* **7**
Philosophy 1, 2
Economics 1, *hf.*
English Bible 2, *hf.*
Chemistry 1
Biology 2 *or* 4
Physics 2, *hf.*
Physics 3, *hf.*
Geology 1, *hf.*
Economics 2, *hf.*
Politics 4, *hf.*
Education 1, *hf.*
English Lit. 3 *hf.*
English Lit. 4 *hf.*
English Lit. 7
French 3
German 2
German 3
History 2, 3
Mathematics 2

Fourth Year

Greek 4 *or* **7;** *or*
Latin 4
Philosophy 5, *hf.*
Latin 5
Hebrew 1
Church History 1, *hf.*
Education 1, *hf.*
Education 2, *hf.*
Education 3, *hf.*
Philosophy 3, *hf.*
Philosophy 4, *hf.*
Philosophy 6, *hf.*
Philosophy 7, *hf.*
Philosophy 8, *hf.*
English Comp. 4, *hf.*
English Lit. 3, 4
English Lit. 7
English Lit. 8
German 3 *or* 5
French 5
History 2, 3 *or* 4
Economics 2, *hf.*

LATIN-MATHEMATICAL GROUP

First Year

Latin 1
Greek 2; *or*
German 2 *or* 3
Mathematics 1
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
German 1; *or*
French 1
Biology 1, *hf.*

Second Year

Latin 2
Mathematics 2
English Comp. 2, *hf.*
English Lit. 2, *hf.*
History 1
French 1
German 2 *or* 3
Geology 1, *hf.*
Biology 1, *hf.*
Biology 2
Chemistry 1

Third Year

Latin 4; *or*
Mathematics 4
Philosophy 1, 2
Economics 1, *hf.*
English Bible 2, *hf.*
Education 1, *hf.*
Chemistry 2
Biology 2 *or* 4
Physics 2 *or* 3, *hf.*
Geology 1, *hf.*
Latin 4
Mathematics 3, *hf.*
Economics 2, *hf.*
English Lit. 3, *hf.*
English Lit. 4, *hf.*
English Lit. 7
French 3
German 3
History 2, 3

Fourth Year

Mathematics 4; *or*
Latin 4
Philosophy 5, *hf.*
Mathematics 5
Education 1, *hf.*
Education 2, *hf.*
Education 3, *hf.*
Philosophy 3, *hf.*
Philosophy 4, *hf.*
Philosophy 6, *hf.*
Philosophy 7, *hf.*
Philosophy 8, *hf.*
English Comp. 4, *hf.*
English Lit., 3, 4, 7 *or* 8
Latin 5
History 2, 3 *or* 4
Economics 2, *hf.*
Politics 4, *hf.*
Physics 4
German 5
French 5

Groups of Courses

MATHEMATICAL-PHYSICAL GROUP

First Year

Latin 1; *or*
German 2 *or* 3
French 1 *or* 3
Mathematics 1 *or* **2**
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
German 1*
Chemistry 1
Biology 1, *hf.*

Second Year

Mathematics 2
French 3; *or*
German 2 *or* 3
English Comp. 2, *hf*
English Lit. 2, *hf.*
History 1
French 3
German 2 *or* 3
Biology 1, *hf.*
Biology 2
Chemistry 1
Geology 1, *hf.*

Third Year

Mathematics 4
Physics 2, 3
Philosophy 1, 2
English Bible 2, *hf.*
Economics 1, *hf.*
Mathematics 3, *hf.*
Economics 2, *hf.*
Education 1, *hf.*
Chemistry 2
Biology 2 *or* 4
Geology 1, *hf.*
English Lit. 3 *hf.*
English Lit. 4, *hf.*
English Lit. 7
French 5
German 3 *or* 5
History 2, 3

Fourth Year

Mathematics 5; *or*
Physics 4
Philosophy 5, *hf.*
Philosophy 3, 4
Philosophy 6, *hf.*
Philosophy 7, *hf.*
Philosophy 8, *hf.*
Education 1, *hf.*
Education 2, *hf.*
Education 3, *hf.*
English Comp. 4, *hf.*
Eng. Lit. 3, 4, 7 *or* 8
German 5
French 5
History 2, 3
History 4
Economics 2, *hf.*
Politics 4, *hf.*

*Prescribed for students who have not offered the subject for admission.

CHEMICAL-BIOLOGICAL GROUP

First Year

Latin 1; *or*
German 2 *or* 3
French 1 *or* 3
Mathematics 1 *or* **2**
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
German 1*
Chemistry 1
Biology 1, *hf.*

Second Year

Chemistry 1
Biology 2
French 3; *or*
German 2 *or* 3
English Comp. 2, *hf.*
English Lit. 2, *hf.*
French 3
German 2 *or* 3
Mathematics 2
History 1
Geology 1, *hf.*
Biology 1, *hf.*

Third Year

Chemistry 2
Biology 3
Philosophy 1, 2
English Bible 2, *hf.*
Economics 1, *hf.*
Economics 2, *hf.*
Politics 4, *hf.*
Education 1, *hf.*
Geology 1, *hf.*
Physics 2, *hf.*
Physics 3, *hf.*
English Lit. 3, *hf.*
English Lit. 4, *hf.*
English Lit. 7
German 5
French 3
History 2, 3
Mathematics 3, *hf.*
Mathematics 4

Fourth Year

Biology 4
Philosophy 5, *hf.*
Biology 5
Biology 6
Chemistry 3
Philosophy 3, 4
Philosophy 6, *hf.*
Philosophy 7, *hf.*
Philosophy 8, *hf.*
Education 1, *hf.*
Education 2, *hf.*
Education 3, *hf.*
English Comp. 4, *hf.*
English Lit. 3, 4; 7 *or* 8
German 5
French 5
History 4
Economics 2, *hf.*
Politics 4, *hf.*
Mathematics 4

*Prescribed for students who have not offered the subject for admission.

HISTORICAL-POLITICAL GROUP

First Year

Latin 1; *or*
German 2 *or* 3
French 1 *or* 3
Mathematics 1 *or* 2
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
German 1*
Chemistry 1
Biology 1, *hf.*

Second Year

History 1
French 3
German 2 *or* 3
English Comp. 2, *hf.*
English Lit. 2, *hf.*
Chemistry 1
Geology 1, *hf.*
Biology 1, *hf.*
Biology 2
Mathematics 2

Third Year

History 2, 3
Economics 1, *hf.*
Philosophy 1, 2
English Bible 2, *hf.*
Economics 2, *hf.*
Politics 4, *hf.*
Chemistry 1
Chemistry 2
Physics 2, *hf.*
Physics 3, *hf.*
Geology 1, *hf.*
Biology 2 *or* 4
Education 1, *hf.*
English Lit. 3 *hf.*
English Lit. 4 *hf.*
English Lit. 7
French 3
German 3
Mathematics 4

Fourth Year

History 4
Political Science 1, 2
Philosophy 5, *hf.*
Economics 2, *hf.*
Politics 4, *hf.*
Church History, 1 *hf.*
Education 1, *hf.*
Education 2, *hf.*
Education 3, *hf.*
Philosophy 3, 4
Philosophy 6, *hf.*
Philosophy 7, *hf.*
Philosophy 8, *hf.*
English Comp. 4, *hf.*
English Lit. 3, 4; 7 *or* 8
French 5
German 3
German 5
Mathematics 4

*Prescribed for students who have not offered the subject for admission.

ENGLISH-HISTORICAL GROUP

First Year

Latin 1; *or*
German 2 *or* 3
French 1 *or* 3
Mathematics 1 *or* 2
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
German 1*
Chemistry 1
Biology 1, *hf.*

Second Year

English Comp. 2, *hf.*
English Lit. 2, *hf.*
History 1
French 3; *or*
German 2 *or* 3
Latin 2
Chemistry 1
Geology 1, *hf.*
Biology 1, *hf.*
Biology 2
Mathematics 2

Third Year

English Lit. 8
Philosophy 1, 2
Economics 1, *hf.*
Education 1, *hf.*
English Bible 2, *hf.*
Economics 2, *hf.*
Politics 4, *hf.*
Chemistry 1
Chemistry 2
Geology 1, *hf.*
Physics 2, *hf.*
Physics 3, *hf.*
English Lit. 7
English Lit. 3, 4
French 3
Mathematics 3, *hf.*
Mathematics 4

Fourth Year

English Lit. 5, 6; *or* 7
History 2, 3; *or* 4
Philosophy 5, *hf.*
Education 2, *hf.*
Education 3, *hf.*
Philosophy 3, 4
Philosophy 6, *hf.*
Philosophy 7, *hf.*
Philosophy 8, *hf.*
English Comp. 4, *hf.*
English Lit. 3, 4
English Lit. 7
French 3 *or* 5
German 3
German 5
Economics 3, *hf.*
Politics 4, *hf.*
Mathematics 4

*Prescribed for students who have not offered the subject for admission.

MODERN LANGUAGE GROUP

First Year

Latin 1; *or*
German 2 *or* 3
French 1 *or* 3
Mathematics 1 *or* 2
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
German 1*
Chemistry 1
Biology 1, *hf.*

Second Year

French 3; *or*
German 2 *or* 3
English Comp. 2, *hf.*
English Lit. 2, *hf.*
History 1
Latin 2
French 3
German 2 *or* 3
Chemistry 1
Geology 1, *hf.*
Biology 1, *hf.*
Biology 2
Mathematics 2

Third Year

German 3 *or* 5; *or*
French 5
Philosophy 1, 2
Economics 1, *hf.*
English Bible 2, *hf.*
Education 1, *hf.*
Economics 2, *hf.*
Politics 4, *hf.*
Chemistry 2
Biology 2
Biology 4
Physics 2, *hf.*
Physics 3, *hf.*
Geology 1, *hf.*
History 2, 3
English Lit. 3, *hf.*
English Lit. 4, *hf.*
English Lit. 7

Fourth Year

French 5; *or*
German 5
Philosophy 5, *hf.*
English Comp. 4, *hf.*
English Lit. 3, *hf.*
English Lit. 4, *hf.*
English Lit. 7
English Lit. 8
Philosophy 3, 4
Philosophy 6, *hf.*
Philosophy 7, *hf.*
Philosophy 8, *hf.*
Education 2, *hf.*
Education 3, *hf.*
History 2, 3
History 4
Economics 2, *hf.*
Politics, 4, *hf.*
Hebrew 1

*Prescribed for students who have not offered the subject for admission.

HOURS OF COLLEGE COURSES

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
8.00	French 1 French 3	French 1 French 5	Physics 2 Biology 1	French 1 French 5	Eng. Lit. 5, 6 French 1 Mathematics 4
8.50	Chapel Exercises Daily				
9.05	Eng. Lit. 2 Philosophy 1, 2 Mathematics 1	Latin 3, 4 Biology 2 Physics 2	Eng. Comp. 2 Philosophy 1, 2 Mathematics 1	Latin 3, 4 Biology 2 Physics 2	Eng. Comp. 2 Philosophy 1, 2 Mathematics 1
10.00	Latin 1 Economics 1 Mathematics 2	Greek 1 Eng. Lit. 5, 6 German 2 Biology 3, 4 Philosophy 3 Physics 2	Latin 1 Economics 1 German 5	Greek 1 Eng. Lit. 5, 6 German 2 Philosophy 3	Latin 1 Economics 1 Mathematics 2
11.00	Eng. Lit. 1 Education 1, 2 German 5	Latin 2 German 3 Biology 3, 4	Eng. Comp. 1 Education 1, 2 History 1	Latin 2 German 3 Mathematics 4	Eng. Lit. 1 Education 1, 2 History 1
12.00	Latin 2 Greek 1 German 2 Philosophy 5, 7 Mathematics 4	Greek 2 Biology 3, 4 Mathematics 2 Philosophy 5, 7	Greek 3 Greek 7 French 3 History 2, 3 Physics 3, 4	Greek 2 French 3 Philosophy 5, 7 Biology 3, 4	Greek 3 German 3 History 2, 3 Physics 4
2.00	Greek 7 German 1 Biology 4	German 1 Physics 3, 4 Biology 2	German 1 Eng. Bible 2 Chemistry 1, 2	Greek 7 Biology 2	German 1 Eng. Bible 2 Chemistry 1, 2
3.00	German 3 Biology 4	Eng. Bible 1 English 7 Physics 3, 4 Biology 2	Greek 2 Chemistry 1, 2	Eng. Bible 1 English 7 Biology 2	Chemistry 1, 2

BUILDINGS AND EQUIPMENT

BUILDINGS

Bomberger Memorial Hall, named for the first President of the College, is a large and imposing structure in the Romanesque style of architecture, built of Pennsylvania blue marble. In this building are the chapel and auditorium, ten commodious and well-lighted recitation rooms, three laboratories, the library, reading room, society halls, and administration offices. It is heated by steam and lighted with acetylene gas. The College is indebted for the building to the generosity of the late Mr. Robert Patterson, of Philadelphia, whose donations to the building fund amounted to $32,000, and to gifts from numerous other friends.

Main Hall, East Hall and North Hall constitute a group of dormitory buildings for men, occupying a position in contiguous arrangement in the centre of the campus. These are old-fashioned stone buildings, four stories in height. On the ground floors are the College dining rooms and the book room and post office. Parts of the second floor are used as recitation rooms. The other portions of these buildings are fitted for residential purposes. All of the rooms are heated by steam.

Olevian Hall, a spacious dwelling on the west campus, is one of the homes for young women. This building has all the appointments of a complete home. The rooms are large, well lighted, and heated by steam.

Shreiner Hall, occupying a prominent position fronting on Main Street and facing the College Campus, has recently been enlarged, improved and furnished as a residence hall for young women. This is a three-story brick building, comfortably and conveniently arranged for the accommodation of twenty-five students. On the first floor are a reception room, music rooms

and office of the principal. The rooms for students vary in size, but are uniformly well lighted and comfortable. The building is heated throughout by steam.

Sprankle Hall, recently acquired by the College, a hospitable mansion on the east campus fronting on Fifth Avenue, has been set apart as a residence for young men. This is a stone building, three stories in height, with porches and veranda, and containing all of the conveniences of a comfortable home.

The Field House, a new building, occupies a site on a commanding eminence adjoining the new athletic field. The building is one story in height, built of native stone, with jagged edges and heavy joints, the whole presenting a rustic effect. The house contains dressing rooms, shower baths, toilets, a heating plant, supply room, and office for the Athletic Director.

A central heat and water plant furnishes steam heat for the principal buildings, and distributes excellent water from an artesian well 246 feet deep, to all the buildings on the premises.

A substantial stone barn, somewhat removed from the college buildings and grounds, and convenient to the fields and gardens, is the centre of the agricultural, vegetable and dairy industries of the institution.

The College owns considerable apparatus for gymnastic exercises, but owing to the crowded condition of the college buildings has no suitable place at present for its use. Liberal encouragement is given to outdoor exercise. Cordial support is given to the various forms of athletics and all of the students are urged to participate in athletic games. The athletic field of the College affords superior grounds for the use of the football and the baseball teams, and on the campus grounds have been set apart and graded for lawn tennis and field sports.

LABORATORIES

The Biological Laboratory is on the first floor of Bomberger Memorial Hall, and has a north and west exposure. The room is 30 x 40 feet in size, is well lighted and thoroughly fitted with tables, desks, cabinets, lockers, aquaria, etc. The

laboratory equipment consists of twenty-seven compound microscopes with powers ranging up to 1000 diameters, dissecting microscopes, microtomes, projective lantern, stereopticon, camera lucida, water baths, incubator, and other such apparatus, glassware and reagents as are needed in the study of general morphology, histology and cytology of plants and animals. Special apparatus for experimental work in physiology has been added.

Each student is provided free of extra charge with all the instruments, glassware and reagents needed; but he is held responsible for the care of these. The laboratory will accommodate twenty students at one sitting.

A considerable collection of zoological and botanical material, including the private collection of the late Professor P. Calvin Mensch, bequeathed to the College, is used for museum and illustration purposes. A recently formed and rapidly growing herbarium offers a fair illustration of the flora of North America.

A small department library, containing some of the best zoological, botanical and physiological works in English, French and German, besides many pamphlets, reprints and government reports, is open to the use of students in Biology.

The Physical Laboratory is situated in the second story of Memorial Hall. Modern improvements have recently been introduced and large additions made to the equipment, so that excellent facilities are provided for experimental work in every branch of Physics. The apparatus is of modern design, and has been selected with great care from the best European and American makers. The list includes a small dynamo, Ruhmkorff coil, galvanometers with telescope and scale, dynometer, apparatus for demonstrating wireless telegraphy, spectrometer (Geneva Society), spectroscope (Geneva Society), polariscope, four-inch refracting telescope, a 4 x 5 camera fitted with a superior planatograph lens, and a lathe for wood and metal turning, with screw-turning attachment.

The dark room, for photographic work, 10 x 12 feet in size, is provided with running water, sinks and all necessary apparatus for making negatives and lantern slides.

The Chemical Laboratory occupies a room 30 x 40 feet in size, well lighted, well ventilated and equipped with all the necessary apparatus for experimental work in general, analytical and organic Chemistry. Tables have been fitted up for the accommodation of twenty-five students, and each table is provided with such appliances as are necessary for gas generation and measurement, distillation, and the performance of experiments belonging to these courses. Students are held responsible for all breakages.

Tables have also been equipped for the performance of experiments in Physiological Chemistry in connection with the course given in Physiology.

THE COLLEGE LIBRARY

The College Library contains about fourteen thousand volumes, selected mainly for the purpose of study, reference and thoughtful reading. The Library is open every week-day from 8.15 a. m. to 5 p. m., Sunday 2 to 4 p. m., and on appointed evenings during the week. Members of the college are allowed free access, under a few necessary limitations, to all the bookshelves. Each student is permitted to take out two volumes at a time. In addition to these privileges, special arrangements have been made which enable students to obtain books from Philadelphia libraries.

The reading room is supplied with foreign and American periodicals. The shelves contain encyclopedias, dictionaries, and other books for particular and general reference. The following newspapers and periodicals appear on the files and tables during the course of the year:

Newspapers.—The Public Ledger, The Press, The Philadelphia Record, the North American, The Philadelphia Inquirer, The Evening Telegraph, The Reading Eagle, The Allentown Morning Call, American Economist, Reformed Church Messenger, Reformed Church Record, Christian World, The Christian Intelligencer, The Presbyterian, Kirchenzeitung, Christian Work and Evangelist, and the local papers.

PERIODICALS.—The Atlantic Monthly, Scribner's Magazine, The Century Magazine, Harper's Magazine, McClure's Magazine, The American Magazine, The World's Work, The Contemporary Review, The Fortnightly Review, The Nineteenth Century and After, The North American Review, The Outlook, The Independent, The Nation, The Review of Reviews, The Survey, The Missionary Review, The Outlook of Missions, The Reformed Church Review, Modern Language Notes, German American Annals, Reclam's Universum, The Scientific American, The American Naturalist, The Botanical Gazette, Popular Science Monthly, Science, Political Science Quarterly, The American Political Science Review, Philosophical Review, Mind, The Psychological Review, The Psychological Bulletin, The Classical Review, The American Historical Review, The Economic Bulletin, The American College, Educational Review, and a number of other periodicals.

BOOK ROOM

The College maintains a book room in which a supply of text-books, stationery, etc., is kept on hand to meet the needs of students. It is aimed to furnish books at less than the usual retail price. Second-hand books may be purchased at low cost. The books used in connection with the various courses of study may be noted, so far as they are announced, in the statement of courses of instruction, on pages 30-44.

SOCIETIES

For the mutual improvement of the students two Literary Societies are maintained in the College, the Zwinglian and the Schaff. Each has a special hall for its meetings. Every student in the College is expected to become a member of one or the other of these societies.

The young men and the young women also maintain flourishing Christian Associations, which hold weekly prayer-meetings, engage in special Bible study, and are active agents in promoting the religious life of the College.

EXPENSES

COLLEGE FEES

The College expenses of a student, including tuition, library, laboratory, gymnasium, and all other fees, are $100 a year. Of this amount $50 represents tuition or the value of a scholarship.

A charge of ten dollars is made in the bill of the last year to cover expenses of graduation.

A deposit of five dollars is required of each student to defray any expenses incurred by injury to property. The unexpended balance is returned to the student when he leaves the institution.

A student who is absent from College on account of sickness, or for any other cause, and retains his place in his class, pays the College fee in full during his absence, and payment is required before the student can be admitted to examination.

ROOM AND BOARD

The charge for a furnished room in the College dormitories is $80 a year; in Olevian Hall and Shreiner Hall, the residences for women, from $50 to $100 a year. The charge, in all cases, includes heat, light and attendance. When two students occupy a room the charge is divided between them. A payment of five dollars on account is made by a student when he engages a room, which he forfeits in case he does not occupy the same.

Each student supplies his own towels, two pairs of sheets for a single bed, a pair of pillow cases (19 x 34), a pair of blankets, a bed spread, six table napkins and a napkin ring.

Board may be obtained in clubs as low as one hundred and twenty-five dollars for the college year. At the College dining hall the charge is $140 a year, not including the Christmas and Easter recesses. For less than one term, the charge is $4.25 per week in advance.

EXPENSES OF A STUDENT FOR ONE YEAR

College fees	$100	$100
Room, two students in a room, each	25 to	50
Board	125 to	140
	$250 to	$290

PAYMENT OF BILLS

Bills are due and must be paid, or their payment secured, at the College office, one-half at the opening of the year, before the student is enrolled for class work, and the other half at the middle of the year during the month of January. Special fees and Society dues of students must be paid, or their payment secured, before the Saturday preceding the Commencement on which they expect to receive their degrees.

PERMANENT SCHOLARSHIPS

The College possesses twenty-one permanent scholarships of one thousand dollars each, yielding free tuition. Each scholarship is assigned annually to a student designated by the founder of the scholarship or by the College. The list of these scholarships is as follows:

The George Wolff Scholarship, founded by the Rev. George Wolff, D.D., of Myerstown, Pa.

The William A. Helffrich Scholarship, founded by the Rev. W. A. Helffrich, D.D., of Fogelsville, Pa.

The Nathan Spangler Scholarship, founded by Mr. Nathan Spangler of York, Pa.

The Anna M. Bomberger Scholarship, founded by Miss Anna M. Bomberger, with gifts amounting to $600, and completed by Mrs. H. S. Bomberger, both of Lancaster, Pa.

The Abraham Wagner Scholarship, founded under the will of Mr. Abraham Wagner of the Robison Church, Berks County, Pa.

The Carson Scholarship, founded under the will of Captain John Carson of Newburg, Cumberland County, Pa.

The Kelker Scholarship, founded by Mr. Rudolph F. Kelker of Harrisburg, Pa.

The Keeley Scholarship, founded by Mr. Joseph Keeley of Spring City, Pa.

The John B. Fetters Memorial Scholarship, founded by Mrs. Rebecca B. Fetters of Uwchland, Chester County, Pa., in memory of her deceased son, who died after a week's attendance at College in September, 1885.

The John Brownback Memorial Scholarship, founded by Mrs. Melinda M. Acker and Miss Mary M. Brownback of Uwchland, Chester County, Pa., in memory of their deceased father.

The Franklin W. Kremer Memorial Scholarship, founded by the Rev. F. W. Kremer, D.D., with gifts amounting to $500, and completed by the Sunday-school of the First Reformed Church, of Lebanon, Pa., in grateful memory of his thirty-eight years' pastorate, by an endowment of $500.

The Henry Francis Scholarship, founded by Mr. Henry Francis of Spring City, Pa.

The Clementina R. Stewart Scholarship, founded under the will of Miss Clementina R. Stewart of Myerstown, Pa.

The J. William Bireley Scholarship, founded by Mr. J. William Bireley of Frederick City, Md.

The John B. and Horace A. Fetters Scholarship, founded under the will of Miss Mary M. Brownback of Uwchland, Chester County, Pa.

The Mary M. Brownback Scholarship, founded under the will of Miss Mary M. Brownback of Uwchland, Chester County, Pa.

Two Frances Kready Scholarships, founded by Miss Frances Kready of Lancaster, Pa.

The John H. Converse Scholarship, founded by Mr. John H. Converse of Philadelphia.

The Freeland G. Hobson Scholarship, founded under the will of Freeland G. Hobson, LL.D., '76, of Collegeville.

The Stauffer Memorial Scholarship, founded in memory of Robert Ursinus and John Donald Stauffer, deceased children of the pastor, Rev. J. J. Stauffer, by gifts amounting to $500 from the pastor and members of the Lykens Valley charge, and completed by a bequest of $500 under the will of Mrs. Elizabeth Ritzman of Gratz, Pa.

HONORS

COMMENCEMENT PARTS

Commencement parts, assigned as honors to the members of the graduating class in the order of rank in scholarship, are valedictory and salutatory orations. At the discretion of the Faculty an additional oration may be assigned as a third commencement part.

GRADUATION WITH DISTINCTION

Members of the graduating class, who have shown great proficiency in their entire course, may be graduated with distinction if, in the opinion of the Faculty, their attainments warrant such honors. These distinctions are: *summa cum laude, magna cum laude,* and *cum laude;* and are given only for unusual excellence in all the subjects pursued by the candidate.

DEPARTMENT HONORS

Students may be graduated with special honors in departments of study in which they have shown exceptional proficiency, and in which they have done extra work as prescribed in the following rules:

1. A candidate for department honors must have the endorsement of the professor in charge of the department in which he expects to try for such honors, and must enroll as a candidate at the Dean's office not later than one month after the opening of the college year in which he expects to receive his degree.

2. A student shall be required to maintain a grade not lower than C in any course for which he is registered and must maintain an average of B while he is pursuing his work as a candidate for department honors.

3. A candidate shall be required to do an amount of work equivalent to one-half course in the department in which he intends to try for honors, in addition to the full number of courses prescribed for graduation; and shall submit to the Faculty a thesis on some subject within the field represented by his extra work. The thesis must be presented at least one week before the time set for the Fourth year final examinations.

JUNIOR ORATORICAL PRIZES

Frank H. Hobson, A. B., of the Class of '03, offers a prize in honor of his father, the late F. G. Hobson, LL. D., of the Class of '76, consisting of a gold medal, for the best oration delivered at the Junior Oratorical Contest on Monday evening of Commencement Week. A second medal, offered by the Rev. J. W. Meminger, D. D., of the Class of '84, is awarded to the oration ranking second in this contest. The third oration receives honorable mention.

SCHOLARSHIP PRIZES

Twenty scholarships are offered annually under special conditions, by the authority of the Directors of the College, as prizes in approved secondary schools. These scholarships entitle the holders to free tuition in Ursinus College.

MEDICO-CHIRURGICAL SCHOLARSHIP

In order to encourage young men to take a college course before beginning the study of Medicine, the Medico-Chirurgical College of Philadelphia offers a free scholarship to one graduate of Ursinus College every three years.

DEGREES

BACHELOR OF ARTS AND BACHELOR OF SCIENCE

The degrees of Bachelor of Arts and Bachelor of Science are conferred by the Directors on all students who have completed the academical exercises appointed for them by the Faculty and, upon final examination, have been approved as candidates for these degrees.

MASTER OF ARTS

The degree of Master of Arts is conferred upon graduates of this College holding the Bachelor of Arts degree, or upon graduates of any other College making equal requirements for the Bachelor's degree, in accordance with the following regulations:

1. The candidate must pursue, under the direction of the College Faculty, prescribed work equivalent to four standard college courses, two of which must represent work in some one department of instruction; must pass satisfactory examinations in the same; and must submit an acceptable thesis on some topic connected with his main field of study. Accepted theses become the property of the College.

2. Candidates who present from other institutions certificates of graduate study equivalent to the foregoing requirements are exempt from all the above requirements except the submission of a thesis.

3. Bachelors of Arts of Ursinus College who were graduated with honors, or who maintained an average grade of B during the last two years of their college course, may pursue their studies not in residence. Other candidates will be required to pursue their studies in residence. Non-resident students will not be permitted to register for more than two courses a year, and will be required to take their examinations at the College. Resident students may complete the required work in one year.

4. All courses to be pursued in fulfillment of the requirements for the Master's degree must be approved by the Faculty before the work may be begun.

5. Students pursuing graduate study must register not later than October 15th of each academic year. Candidates for the Master's degree must have passed all examinations and submitted their theses one month prior to the date of Commencement on which the degree is to be conferred.

6. The fees for graduate students are as follows: Registration, $5.00; Final examination in each course, $5.00; Examination of thesis, $5.00; Graduation, $5.00. An additional fee of $5.00 per course will be charged to students who elect courses not already offered by the College.

THE SUMMER SESSION

The Summer Session of Ursinus College for the year 1911 will open Monday, June 19th, at 8 o'clock a. m., and close on Friday, July 28th, at 12 o'clock noon.

ADMISSION

No examination is required for admission to the college preparatory courses offered in the Summer Session. The candidate must, however, satisfy the instructor that he is fitted to do the work of a course by submitting written evidence of his preparation in the form of term reports, certificates or official letters from approved schools or instructors.

Members of Ursinus College and of other colleges are admitted to collegiate courses in the Summer Session without examination. Graduates of approved academies, high schools or normal schools are admitted without examination to all courses for which they present certificates of preparation in the form prescribed by the Faculty of Ursinus College for admission to College. Blank forms for these certificates may be had on application to the Dean of the College. Other applicants must take the entrance examinations of the departments in which they wish to work. When credit toward a degree is not desired, persons may register without examination for any course they are prepared to pursue.

INSTRUCTION

The instruction in the Summer Session is given by the professors who are the heads of the departments in the College, by instructors who are regular members of the Faculty and by assistants appointed by the Faculty.

While the organization of the work is favorable to rapid progress, the ruling ideal is thoroughness. Students are required to do the same work, and are graded and ranked according to the same standards as in the regular sessions of the College.

For a complete statement of the courses offered, see the Summer Session catalogue, published separately.

The courses of study are designed to meet the needs of persons who wish to do academic work at a time when most institutions of learning are closed. They are intended especially for persons who wish to prepare for college, for undergraduates and others who wish to pursue college courses, and for teachers who wish to fit themselves for higher grades of teaching.

The Act of Assembly of June 28, 1895, providing for State aid in the establishment and maintenance of high schools in Pennsylvania, contains the following important section:

"The directors or controllers of every district receiving aid in accordance with section four of this act, shall employ for said high school at least one teacher legally certified to teach bookkeeping, civics, general history, algebra, geometry, trigonometry, including plane surveying, rhetoric, English literature, Latin, including Cæsar, Vergil, and Cicero, and the elements of physics, chemistry, including the chemistry of soils, botany, geology and zoölogy, including entomology, and no teacher shall be employed to teach any branch or branches of learning other than those enumerated in his or her certificate."

By taking courses in the Ursinus Summer Session teachers in service may qualify themselves for high school positions in accordance with the foregoing provisions of the law, and at the same time receive credit for their work in the College. Keeping up their connection with the College while teaching by Saturday courses, and returning for subsequent summer sessions, teachers may reach the point where they may enter college with advanced standing, and complete the requirements for the bachelor's degree in less than four years of residence. A higher education is thus made possible for teachers in the public schools who could not otherwise command the privileges of the College.

CREDIT FOR WORK

Students admitted to the college courses in the Summer Session on certificate approved by the Faculty, or on examination, and who maintain a grade of A, B or C in their work will

be given credit toward the degree of Bachelor of Arts or Bachelor of Science. Students who have pursued regular courses in the Summer Session and have passed the final examinations in the same, are granted certificates setting forth the work done and the grade attained.

The certificate of the Ursinus Summer Session may be accepted by school superintendents in Pennsylvania in lieu of examinations from applicants for teachers' certificates.

TUITION AND FEES

Before entering the classes students must register at the Dean's office and pay their fees at the Treasurer's office. The fees are: Matriculation, $5.00; Tuition, for one course, $10.00; for each additional course, $5.00. For each laboratory course a fee of $3.00 is charged for use of apparatus.

No matriculation fee is charged to students in Ursinus College or to students who have paid the fee in a former summer session.

ROOM AND BOARD

Rooms in the College buildings, completely furnished for student residence, have been set apart for the use of summer students. Additional rooms will be secured, if necessary, in private homes near the College. The charge for a room, including light and attendance, is $2.00 per week. A limited number of single rooms may be had for $1.50 per week. When two students occupy a room together, the charge will be divided between them. Each student supplies his own towels, two pairs of sheets for a single bed, a bedspread, table napkins and napkin ring. Bed clothing may be rented from the College for $1.50 for the session of six weeks.

Board may be obtained at the College dining rooms at $4.00 per week in advance, and at private boarding houses for $3.50 per week and upwards.

THE SCHOOL OF MUSIC

FACULTY

REV. A. EDWIN KEIGWIN, D.D., *President.*
GEORGE LESLIE OMWAKE, B.D., PD.D., *Vice President.*
JOHN MYRON JOLLS, *Director, and Instructor in Voice Culture and Choral Singing.*
HARRY A. SYKES, *Instructor in Piano and the Theory of Music.*

GENERAL STATEMENT

Instruction in music has been offered in Ursinus College ever since its founding in 1869. In 1908 the work in music was organized on the present basis and was officially designated by the Board of Directors as the Ursinus School of Music.

The purpose of the School of Music is to provide systematic and progressive instruction in the theory, history and practice of music. The courses of study are designed to meet the needs of those who intend to become musicians by profession, either as teachers or composers, and to furnish adequate training to those who, in the interest of liberal culture, seek to cultivate art on the side of music. The courses, as arranged, provide an excellent foundation for æsthetic culture and secure the best means of education in musical literature and criticism.

REQUIREMENTS

Students are admitted at any time to the grade for which they are qualified by previous study. Applicants for admission are required to show by examinations or by adequate certificate that they have pursued at least the following studies with satisfactory proficiency: English Grammar, Geography, Arithmetic, American History and one year of Latin or Algebra, or some branch of physical science. In addition, a knowledge of the piano or some other musical instrument is required for all courses except singing.

Students in residence are required to pursue each year, in addition to the courses in music for that year, at least two standard courses in the College in the departments of language, history, science or philosophy. Day students may register for courses in music only.

MUSICAL ORGANIZATIONS

The Handel Choral Society is the central musical organization of Ursinus College and the surrounding community. The purpose of this society is to cultivate interest in choral music and to encourage practice in the art of singing. The annual membership fee of $2.00 entitles the holder to admission to the choral class conducted by the School of Music without further charge.

Organized September, 1908, the Society has rendered the following: "Fair Ellen," Bruch; "The Rose Maiden," Cowen; "The Holy City," Gaul; "The Sleeping Wood-Nymph" (dedicated to the Handel Choral Society), Aldrich; "Hiawatha's Wedding Feast," Coleridge-Taylor; "Elijah," Mendelssohn; "Gallia," Gounod; and "Gypsies," Becker.

The Young Men's Glee Club, the Young Women's Glee Club and the quartettes are well trained student organizations which give public concerts from time to time.

CONCERTS AND RECITALS

The May Music Festival is the chief musical event of the year, comprising three elaborate programs extending over two days. This festival is rendered by the Handel Choral Society and eminent soloists engaged for the occasion.

A concert by the Ursinus Glee Clubs, two formal recitals, one vocal and one instrumental, and informal student recitals are other musical events affording unusual opportunities for students of all departments.

EXPENSES

The charge for resident students in the School of Music is $100 per year. The payment of this fee entitles the student to all the privileges of the College, including the courses in theoretical music, college courses, and to the use of the library and laboratories.

The fee for day students, admitting them to the privileges of the School of Music only, is $10 per year.

For instruction in Practical Music, which is given in the form of private lessons, the fees are extra, as follows:

Piano and Organ (one hour), per lesson.....	$1.00
Piano and Organ (one-half hour) "	.75
Voice (one-half hour) "	1.00

The fee for use of piano is $10 per year.

The charge for a room in the College dormitories and residential houses varies from $50 to $100 per year, depending on the location of the room. When a room is occupied by two persons the charge is divided between them. Board may be procured at the College dining halls at $140 per year, not including the Christmas and Easter recesses.

All fees and charges, including fees for private lessons, must be paid at the Treasurer's office in advance, one-half at the opening of the College year in September and the balance during the month of January before the opening of the second term.

COURSES OF INSTRUCTION

The instruction offered in the School of Music embraces the study of Theoretical Music as outlined in the courses below, and training in Practical Music given in the form of private lessons in which the work is adapted to the needs of the student.

The following courses in Theoretical Music are open to regularly matriculated students of Ursinus College without cost. Students in the College may receive credit toward graduation for a limited amount of work in the School of Music.

A. Sight Singing and Ear Training.—Notation, rhythm, tone relations, scale relations, transitions, modes, modulations and intervals. A fundamental and preparatory course. *Half-course. Two hours per week throughout the year.*

1. Harmony.—Triads and their inversions. Chords of the seventh. Augmented sixth chords. Modulation. Transposition. Suspensions, retardations and other embellishments. Harmonizing melodies. Analysis of chorals. *First year. Three hours per week.*

2. Advanced Harmony and Counterpoint.—Insertion of more than four parts. Enharmonic changes. Strict counterpoint in all species in two, three, and four parts. *Second year. Three hours per week.*

3. Imitation and Fugue.—Strict and free counterpoint. Double counterpoint. Canon. Imitation. Fugue, in two, three and four parts. *Third year. Three hours per week.*

4. Composition and Instrumentation.—Analysis of orchestral scores and of forms of composition. Writing for chorus and for orchestra. *Fourth year. Three hours per week.*

5. Acoustics.—The physical laws of music, characters and qualities of musical sounds, laws of tuning, pitch, rhythms, accents, notation, metronomization, tempo marks. *Half-course. First year.*

6. Musical Forms.—Simple song forms. Different forms of scales. Sonata forms. Vocal forms. Meters and metrical construction. Contrapuntal forms. Canonic forms. The fugue. *Half-course. Second year.*

7. History of Music.—Development of music in its various forms from the beginning of the Christian era to the present time, with special reference to the progress of musical taste and culture. *Half-course. Third year.*

8. Biographies of Composers.—Studies in the careers of composers distinguished in the history of music, with description and analysis of their principal works. *Half-course. Fourth year.*

Applications for admission and correspondence regarding preparation, courses of study, expenses, etc., should be addressed to the Vice President of Ursinus College at Collegeville.

Central Theological Seminary

DAYTON, OHIO

THE FACULTY

REV. DAVID VAN HORNE, D.D., LL.D., *President, and Jeremiah H. Good Professor of Systematic Theology.*

REV. ALVIN SYLVESTER ZERBE, Ph.D., D.D., *Professor of Old Testament Criticism and Theology, and the Philosophy of Religion.*

REV. JAMES I. GOOD, D.D., *Professor of Theological Encyclopedia, Liturgics, and Reformed Church History.*

REV. EDWARD HERBRUCK, Ph.D., D.D., *Herman Rust Professor of Church History and Christian Archæology.*

REV. PHILIP VOLLMER, Ph.D., D.D., *Professor of New Testament Literature and Theology, and German Homiletics.*

REV. HENRY J. CHRISTMAN, D.D., *Professor of Homiletics and Pastoral Theology.*

REV. GEORGE STIBITZ, Ph.D., D.D., *Professor of Old Testament Languages and Literature and Semitic Philology.*

REV. PETER ROBERTSON, D.D., *Professor of Vocal and Literary Interpretation.*

The Central Theological Seminary, continuing the Ursinus School of Theology, founded in 1871, and the Heidelberg Theological Seminary, founded in 1850, is located at Dayton, Ohio. The Seminary occupies a beautiful site comprising eight acres in an attractive suburban section of the city.

The Seminary conserves in its teaching the older and better attested views with respect to doctrine, cultus, church government and criticism. Its doctrinal basis is the Heidelberg Catechism, interpreted in its historic sense.

The aims of the Seminary are twofold: First, to furnish young men with a spiritual, intellectual and practical preparation for the discharge of the duties of the Christian ministry; and secondly, to afford to students of talent opportunities for specialization in the various branches of theology.

ADMISSION

Each applicant for admission must present a certificate of church membership. The Central Theological Seminary is open to students of all denominations of Christians.

The specific requirements for admission to each of the several courses of study prescribed are stated in detail in the catalogue of the Seminary.

EXPENSES AND AID

Tuition is free, but every student is required to pay a contingent fee of $20 per year. Pecuniary aid is given, to a limited extent, to those who are in need and can furnish the proper recommendations. In the dormitory, rooms are provided for regular students of the Theological Seminary, two in a room, without charge. Good board is provided at approximately $2.25 per week.

COURSES OF STUDY

I. The Regular Undergraduate Course. Students who complete this course of study, pass all the required examinations, and submit a satisfactory thesis, receive a diploma and a certificate of graduation, setting forth that they have completed all the courses required by the Constitution of the Reformed Church, or usually required in theological seminaries.

II. The Graduate Course Leading to the Degree of Bachelor of Divinity. This course may be pursued in residence or not in residence. Upon satisfactory completion of the course, students are recommended by the Faculty to the Board of Directors of Ursinus College as candidates for the degree of Bachelor of Divinity, to be conferred at the next ensuing Commencement of the College.

III. Special and Partial Courses. Students not candidates for a diploma, also ministers in service, desiring to pursue special lines of study, and other persons possessing the necessary qualifications, will be received into any of the classes of the Seminary under the designation of "Special Students."

LISTS OF STUDENTS

Abbreviations are used to designate residence halls as follows: F. H., Freeland Hall; E. H., East Hall; N. H., North Hall; Sp. H., Sprankle Hall; Sh. H., Shreiner Hall; O. H., Olevian Hall.

STUDENTS IN THE COLLEGE

GRADUATE STUDENTS

HARRY HARMON KOERPER.....*Auburn* .....Auburn.
A. B., Ursinus College, 1907.
JOHN BEADLE PRICE .....*Collegeville* .....Collegeville.
A. B., Ursinus College, 1905.
ROBERT RAYMOND SPEARS.....*Renovo* .....Renovo.
A. B., Ursinus College, 1910.
DAVID LESLIE STAMY .....*Collegeville* .....Collegeville.
A. B., Ursinus College, 1908.
SAMUEL H. ZIEGLER .....*Reading* .....Reading.
A. B., Ursinus College, 1910.

CLASSICAL GROUP

Professor WHORTEN ALBERT KLINE, Adviser

PERRY HERMAN BAUMANN .....*Reading* .....E. H.
Ursinus Academy.
GEORGE ALFRED BEAR.....*Catasauqua* .....E. H.
Ursinus Academy.
ARASMAN MELVILLE BILLMAN...*Landisburg* .....E. H.
Mercersburg Academy.
ARY NEVIN BRUBAKER.....*Lebanon, R. D. No. 5*.....E. H.
Millersville State Normal School.
BYRON SNYDER FEGELY .....*Trappe* .....Trappe.
Ursinus Academy.
CHARLES ADAM FISHER.....*Hamburg, R. D. No. 3*.....F. H.
Ursinus Academy.
HENRY EDWIN GEBHARD.....*Red Lion* .....F. H.
Red Lion High School.
EDWARD ABRAHAM GLADFELTER..*Nashville* .....Mrs. Faringer's.
York County Academy.
MORVIN WANNER GODSHALL.....*Collegeville* .....E. H.
Ursinus Academy.
JOHN LEVI GUTH.....*Allentown* .....Sp. H.
Ursinus Academy.
WHITNEY R. S. HARTMAN.....*Reading* .....F. H.
Schuylkill Seminary.
AMOS JACOB HEINLY.....*Royersford* .....Royersford.
Ursinus Academy.
BERNHARD ROBERT HELLER.....*Hazleton* .....E. H.
Hazleton High School.

Ursinus College

HENRY JAMES HERBER.....*Jordan* .....E. H.
Keystone State Normal School.

FRANK HERSON .....*Reading* .....Mrs. Faringer's.
Ursinus Academy.

MAURICE ABRAM HESS.....*Mont Alto* .....E. H.
Cumberland Valley State Normal School.

ALBERT HOLT .....*Philadelphia* .....E. H.
Ursinus Academy.

EDGAR BRUCE JACOBS.....*Abbottstown* .....E. H.
Gettysburg Academy.

MELVILLE CLAY JACOBS.....*Hellam, R. D. No. 1*.....Sp. H.
York Collegiate Institute.

JOHN NATHANIEL KANTNER .....*Wilmington, Del.* .....E. H.
West Jersey Academy.

JOHN WALTER KEENER.....*Rehrersburg* .....E. H.
Keystone State Normal School. Group President.

WALTER MCCLELLAN LAUER.....*Thomasville* .....E. H.
York County Academy.

DAVID LOCKART .....*Royersford*.....E. H.
Royersford High School.

JOHN ERNEST MERTZ.....*Durham* .....N. H.
Riegelsville Academy.

EARL BEAN MOYER.....*Graterford* .....Graterford.
Perkiomen Seminary.

ERNEST ERWIN QUAY.....*Phœnixville* .....E. H.
Ursinus Academy.

MARGARET CURRY RAPP.....*Phœnixville, R. D. No. 3*..Sh. H.
Ursinus Academy. Group Secretary.

AUGUST ANDREW RINGLEBEN.....*Hazleton* .....E. H.
Hazleton High School.

DEWEES FRANKLIN SINGLEY.....*Oneida* .....E. H.
Ursinus Academy.

LARY BAKER SMALL .....*Marion* .....E. H.
Ursinus Academy.

WILLIAM CALVIN STRACK.....*Lebanon* .....E. H.
Ursinus Academy.

CHRISTINE ELIZABETH TEGTMEIER.*Conshohocken* .....Sh. H.
Conshohocken High School.

ALBERT VOGEL .....*Philadelphia* .....E. H.
Ursinus Academy.

GUSTY PHILIP WEST .....*Rochester* .....E. H.
Slippery Rock State Normal School.

JOHN KEIMER WETZEL.....*Beavertown* .....E. H.
Union Seminary.

WALTER JOSIAH YINGST.....*Lebanon* .....E. H.
Lebanon High School.

PAUL WICKE YOH .....*Chambersburg* .....E. H.
Mercersburg Academy.

LATIN-MATHEMATICAL GROUP

Professor JOHN WENTWORTH CLAWSON, Adviser

RICHARD ALLEN ARMS.....*Pottstown* .....Mr. Miller's.
Pottstown High School.
GEORGINE ASHENFELTER .....*Royersford* .....Royersford.
Ursinus Summer Session.
IVAN NORMAN BOYER.....*Yatesboro, R. D. No. 1*....Sp. H.
Slippery Rock State Normal School.
WALLACE L. DANEHOWER.....*Yerkes* .....Yerkes.
West Chester State Normal School.
PAUL EDGAR ELICKER.....*Bair* .....N. H.
York County Academy.
GEORGE RAYMOND ENSMINGER....*York* .....N. H.
York High School.
SADIE JUNO FEGLEY .....*Lower Providence* Lower Providence.
Ursinus Summer Session.
WENDELL FRIDERICI .....*Auburn* .....N. H.
Auburn High School.
ESTHER ELLA KLEIN.....*Reading* .....Sh. H.
Schuylkill Seminary.
CHARLES WILLIAM LANGNER....*Pottstown, R. D. No. 4*....N. H.
Royersford High School. Group President.
HAZEL CAMPBELL LONGSTRETH...*Trappe* .....Trappe.
West Chester State Normal School.
MAY WANNER PEARSON.....*Royersford* .....Royersford.
Royersford High School.
MYRA BEAVER SABOLD.....*Lansdale* .....O. H.
Lansdale High School.
ADA SCHLICTER .....*Conshohocken* .....Sh. H.
Conshohocken High School.
HELEN IRENE STOUT.....*Lansdale* .....O. H.
Lansdale High School. Group Secretary.
NELSON KERR THOMPSON.....*Euclid, R. D. No. 46*.....N. H.
Slippery Rock State Normal School.
ROBERT W. THOMPSON.....*Euclid, R. D. No. 46*.....N. H.
Slippery Rock State Normal School.
MARY W. WEIKEL.....*Trappe* .....Trappe.
Perkiomen Seminary.

MATHEMATICAL-PHYSICAL GROUP

Professor JOHN WENTWORTH CLAWSON, Adviser

HARRY SYLVESTER ALLISON.....*New York City* .....Sp. H.
Ursinus Academy.
WALTER HENRY BARRHO.....*Port Allegany* .....N. H.
Port Allegany High School.
DAVID ELLIS BUNTING.....*Allentown, N. J.* .....E. H.
Bordentown Military Institute.
ALVIN ROY ISENBERG.....*Altoona* .....N. H.
Ursinus Academy.

ROY FRANKLIN KICHLINE.....*Bangor* .....N. H.
Bangor High School.
ALBERT FRANKLIN LONG.....*Weatherly* .....Sp. H
Hazleton High School.
HENRY WISCHMANN MATHIEU...*Trappe* .....Trappe.
Ursinus Academy.
WILMER R. MUMPER.....*New Germantown* .....F. H.
Conway Hall.
WALTER FINKBINDER SCHLEICHTER. *Spring City* .....N. H.
Bethlehem Preparatory School.
LEWIS VERNON SLONAKER.....*Phœnixville* .....N. H.
Phœnixville High School.
EDWARD CAMPBELL WILLIVER.....*Skippack* .....Skippack.
Ursinus Academy.

CHEMICAL-BIOLOGICAL GROUP

Professor HENRY FOX, Adviser

GILBERT COUNTISS BACON.....*Camaguey, Cuba* .....Sp. H.
Ursinus Academy.
CHARLES AUGUSTUS BEHNEY.....*Lebanon* .....Sp. H.
Ursinus Academy.
WILLIAM HENRY BERGEY.....*Newark, N. J.*.....Mr. Keyser's.
Ursinus Academy.
ROBERT SIMON BORDNER.....*Collegeville* .....Mr. Bordner's.
Collegeville High School.
VERNON FEGLEY CHRISTMAN.....*Pottstown* .....Sp. H.
Pottstown High School.
MERRILL INGRAHAM COME.....*New York City*.....Sp. H.
Ursinus Academy.
SAMUEL RANDALL DETWILER.....*Ironbridge* .....Sp. H.
West Chester State Normal School.
HENRY STANLEY FEGLEY....*Lower Providence* Lower Providence.
Ursinus Academy.
CHARLES RICHARD FISHER.....*Warren, O.* .....Sp. H.
Cumberland Valley State Normal School.
WESLEY REIFF GERGES .....*Royersford* .....E. H.
Royersford High School. Group President.
JEFFERSON ALLEN HORTON.....*New York City* .....Sp. H.
Ursinus Academy. Group Secretary.
AMMON GEORGE KERSHNER .....*Norristown* .....Sp. H.
Norristown High School.
HARRY ROBERT LINDAMAN.....*Perkasie* .....Sp. H.
Keystone State Normal School.
HERMAN WISCHMANN MATHIEU.*Trappe* .....Trappe.
Ursinus Academy.
BENNETT KIRBY MATLACK.....*Bridgeton, N. J.* ....Mrs. Bean's.
South Jersey Institute.
EDNA CONRAD PAIST.....*Langhorne* .....Sh. H.
Ursinus Academy.

WARREN JOHN PETERS.....*Slatington* .....E. H.
Allentown Preparatory School.
JOHN ORNER RIEGEL.....*Easton, R. D. No. 6*.....N. H.
Ursinus Academy.
ULRICH DAVID RUMBAUGH.....*Millerstown* .....Sp. H.
Conway Hall.
WILLIAM HEINLY SCHELLHAMER.*York* .....Sp. H.
York Collegiate Institute.
ERNEST ARTHUR THOMASSON.....*Asheville, N. C.*.....Sp. H.
Ursinus Academy.
FRANK FALKINBARGH WHITFIELD.*New York City* .....Trappe.
Ursinus Academy.
FREDERICK FRANCIS WIEDORN.....*Waterbury, Conn.* .....F. H.
Mackenzie School.
JULIA ALLICIA WRIGHT.....*Phœnixville* .....Phœnixville.
Phœnixville High School.

HISTORICAL-POLITICAL GROUP

Professor MORLEY ALBERT CALDWELL, Adviser

JOHN JAMES ALLEVA .....*Norristown* .....N. H.
Norristown High School.
MILES HOWETH AUSTERBERRY.....*Trappe* .....Trappe.
Collegeville High School.
CARL CUSTER BECHTEL.....*Collegeville* .....Mr. Bechtel's.
Collegeville High School.
DAVID BERGER .....*Pottstown, R. D. No. 4*.Pottstown.
Ursinus Academy.
EDWIN DAGOBERT BRANSOME.....*Philadelphia* .....F. H.
Ursinus Academy.
FLORENCE ADA BROOKS.....*Palmyra, N. J.*.....O. H.
Palmyra High School.
ELMER H. CARL.....*Hatboro* .....Hatboro.
West Chester State Normal School.
LLOYD STANLEY CASSEL.....*Telford* .....F. H.
Lansdale High School.
WILLIAM ALFRED COLEMAN.....*Royersford* .....Royersford.
Keystone State Normal School.
WALTER RICHARD DOUTHETT.....*Evans City* .....F. H.
Slippery Rock State Normal School. Group President.
JACOB MOYER FISHER.....*Spring Mount* ....Spring Mount.
Perkiomen Seminary.
GEORGE HENRY GAY.....*Blackington, Mass.* .....F. H.
Ursinus Academy.
WILLIAM S. GILLILAND.....*Philadelphia* .....F. H.
Ursinus Academy.
KARL THOMAS HORTON.....*Braddock,* .....F. H.
Ursinus Academy.
JESSE L. HUNSBERGER .....*Collegeville* .....Collegeville.
Juniata College.

Ursinus College

BENJAMIN HARRISON KELL.....*Saville* .....F. H.
Conway Hall.

THOMAS ELWOOD KICHLINE.....*Bangor* .....F. H.
Bangor High School.

MABEL ELMIRA KISTLER.....*Stony Run* .....O. H.
Keystone State Normal School.

CLAUDE K. KULP.....*Graterford* .....Graterford.
Perkiomen Township High School.

BOYD HARVEY LAMONT.....*Hazleton* .....Sp. H.
Hazleton High School.

VIOLA MARPLE .....*Ivyland* .....Ivyland.
West Chester State Normal School.

PERCY WISCHMANN MATHIEU....*Trappe* .....Trappe.
Ursinus Academy.

ROBERT LUKE MATZ.....*McKeansburg* .....F. H.
Bloomsburg State Normal School.

CHARLES L. MAURER.....*Paxinos* .....F. H.
Bloomsburg State Normal School.

RALPH MITTERLING .....*Freeburg* .....F. H.
Bloomsburg State Normal School.

ELWOOD STRASSBURGER PAISLEY...*Philadelphia* .....F. H.
Central High School.

THOMAS WILLIAM POWNALL.....*Manayunk* .....F. H.
Girard College.

CHARLES OTTO REINHOLD.....*Lansdale* .....F. H.
Lansdale High School.

CHESTER ROBBINS .....*Bridgeton, N. J.*.....E. H.
West Jersey Academy. Group Secretary.

EDGAR THOMAS ROBINSON.....*Bridgeton, N. J.*.....Mrs. Daub's.
West Jersey Academy.

RAY SEAMAN .....*Kreamer* .....F. H.
Ursinus Academy.

WILLIAM STARR, JR.....*Littlestown* .....F. H.
Ursinus Academy.

HARVEY R. VANDERSLICE .....*Boyertown* .....Boyertown.
West Chester State Normal School.

CHARLES CARROLL WARD.....*Port Allegany* .....N. H.
Port Allegany High School.

CHARLES SMITH WEED.....*Newport, R. I.*.....F. H.
Ursinus Academy.

CHARLES EVERHART WISMER.....*Graterford* .....Graterford.
Ursinus Academy.

FREDERICK HOUSTON WORRELL....*Swarthmore* .....N. H.
Swarthmore College.

WILLIAM ALLISON YEAGER.....*Spring City, R. D. No. 3*..F. H.
Ursinus Academy.

WARREN K. YERGER.....*Wilmington, Del.* ...Wilmington.
West Chester State Normal School.

ENGLISH-HISTORICAL GROUP*

Professor Homer Smith, Adviser

Claire Helen Behrens .....*New York City* .....Sh. H.
Ursinus Academy.
Ada Margueritte Fisher .....*Lebanon* .....Sh. H.
Lebanon High School. Group Secretary.
Ellen Frances Hallman.....*Pottstown* .....O. H.
Pottstown High School.
Mabel Beatrice Heebner.....*Lansdale* .....O. H.
Lansdale High School. Group President.
Grace Nace Kramer.....*Ironbridge* .....Ironbridge.
Ursinus Academy.
Cora Helsel Sigafoos.....*Colman* .....O. H.
Lansdale High School.
Carrie Benner Styer.....*Royersford, R. D. No. 2*..Royersford.
Ursinus Academy.

MODERN LANGUAGE GROUP

Professor Charles Homer Holzwarth, Adviser

Mary Nina Austerberry.....*Trappe* .....Trappe.
Ursinus Academy.
Miriam Ruth Barnet.....*Reading* .....Sh. H.
Reading High School.
Mary Bechtel Bartman.....*Collegeville* .....Mr. Bartman's.
Collegeville High School.
Natalie Louise Beach.....*New York City* .....Sh. H.
Ursinus Academy.
Helen Marian Clark.....*Sunbury* .....O. H.
Sunbury High School.
Kathryn Veronica Corrigan....*Spring City* .....Sh. H.
Notre Dame of Maryland.
Clara Mae Deck .....*West Leesport* .....Sh. H.
Dickinson College.
Florence May Detwiler.....*Trappe* .....Trappe.
Collegeville High School.
Hannah May Detwiler.....*Phœnixville* .....Phœnixville.
Phœnixville High Shool.
Mabel Irene Dunn .....*Steelton* .....Sh. H.
Steelton High School. Group President.
Carrie Holmes Focer.....*Cape May City, N. J.*.....O. H.
Cape May High School.
Gratia Cobb Furman.....*Norristown* .....O. H.
Norristown High School.
Marie James Furman.....*Norristown* .....O. H.
Norristown High School.
Mary Averell Ghee.....*Lakewood, N. J.*.....Sh. H.
Lakewood High School.

*Organized 1910.

STELLA MARY HAIN ..... *Lebanon* ..... Sh. H.
Lebanon High School.
ANNA GRACE KEMMERER..... *Lehighton* ..... O. H.
Keystone State Normal School.
DOROTHY LAVINIA LATSHAW..... *Royersford* ..... Sh. H.
Royersford High School.
HELEN T. MILLER..... *Collegeville* ..... Mr. Fetterolf's.
Ursinus Academy.
VIOLA CLARKE MOSER..... *Pottstown, R. D. No. 4*.... Sh. H.
Conshohocken High School.
LAURA ETHEL NYCE..... *Schwenksville* .... Schwenksville.
Schwenksville High School.
ESTHER MARY PETERS ..... *Slatington* ..... O. H.
Slatington High School.
GRACE S. SAYLOR ..... *Collegeville* ..... Mr. Saylor's.
Collegeville High School.
FLORENCE MAY SCHEUREN..... *Collegeville* ..... Mr. Scheuren's.
Collegeville High School.
LARETA OGDEN SCHEUREN..... *Collegeville* ..... Mr. Scheuren's.
Collegeville High School. Group Secretary.
RUTH E. STROUD..... *Collegeville* ..... Mrs. Stroud's.
Collegeville High School.
GERTRUDE DEWITT TALMAGE..... *Philadelphia* ..... Sh. H.
Friends' Select School.
SUSAN TALMAGE ..... *Philadelphia* ..... Sh. H.
Friends' Select School.
EDNA MARIE WAGNER ..... *West Chester* ..... Sh. H.
West Chester State Normal School.

STUDENTS IN THE SUMMER SESSION

MILES H. AUSTERBERRY ..... *Trappe* ..... Trappe.
Latin.
CLAIRE HELEN LOUISE BEHRENS.. *New York City*..... Sh. H.
Mathematics, English.
WILLIAM H. BERGEY..... *Sumneytown* ..... Sumneytown.
Physics.
ROBERT SIMON BORDNER..... *Collegeville* ..... Mr. Bordner's.
Latin, Physics.
ELMER H. CARL..... *Hatboro* ..... Pennsburg.
French, English.
WILLIAM ALFRED COLEMAN..... *Royersford* ..... Royersford.
Economics, History.
S. RANDALL DETWILER..... *Ironbridge* ..... Ironbridge.
Mathematics, Physics.
EMMA K. EBRIGHT..... *Lebanon* ..... O. H.
French, English.
CHARLES A. FISHER ..... *Hamburg* ..... Sp. H.
Latin, English.
JACOB M. FISHER ..... *Fort Washington* .. Spring Mount.
French, Zoology, Geology.

MARY AVERELL GHEE.....*Lakewood, N. J.* .....Sh. H.
French, English.

WILLIAM K. GRESH.....*Norristown* .....Norristown.
Physics.

BERTHA KEYSER GRIMLY .....*Zieglersville* .....Zieglersville.
English, Latin.

AMOS G. HOTTENSTEIN.....*Elizabethtown* .....Sp. H.
English, Logic.

JESSE L. HUNSBERGER.....*Royersford* .....Royersford.
Geology, Zoology.

ELMER KINSEY KILMER.....*Schuylkill Haven* .....Sp. H
German, English, Logic.

CHARLES CARROLL KRUSEN.....*Norristown* .....Dr. Krusen's.
Latin.

SUSAN L. LANDIS.....*Schwenksville* .....Schwenksville.
Mathematics.

HERBERT M. LEVAN.....*Penbrook* .....Sp. H.
Economics, Logic, English.

GEORGE H. LIGHT.....*Hatfield* .....Hatfield.
Latin, Mathematics.

HOWARD S. LIGHT .....*Palmyra* .....Sp. H.
Latin, Physics.

ALBERT F. LONG.....*Weatherly* .....Sp. H.
French.

HAZEL CAMPBELL LONGSTRETH...*Trappe* .....Trappe.
French.

S. WALTER LOUCKS.....*Limerick* .....Limerick.
Mathematics, Physics, German, Zoology.

VIOLA MARPLE .....*Ivyland* .....Ivyland.
History, German, French, Ethics.

BENNETT K. MATLACK.....*Bridgeton, N. J.*.....Mrs. Bean's.
German, French.

RENA SHAINLINE MIDDLETON.....*Norristown* .....Norristown.
Latin, English.

JOSEPHINE MILLER .....*Pottstown* .....Pottstown.
German.

JAMES MORRIS .....*Pottstown* .....Pottstown.
Chemistry, Physics.

J. EVERITT MYERS.....*Clarion* .....Mrs. Faringer's.
Latin, Mathematics.

AGNES C. MCINTYRE.....*Library* .....Sh. H.
Mathematics, German.

EDNA CONRAD PAIST.....*Langhorne* .....Sh. H.
French, German.

JOHN ORNER RIEGEL.....*Easton* .....Sp. H.
Mathematics.

LEWIS DAY ROSE .....*Rummel* .....Sp. H.
History.

HARVEY C. SABOLD.....*Schwenksville* .....Schwenksville.
Mathematics, Latin, Zoology.

RALPH W. SCHLOSSER.....*Elizabethtown* .....Sp. H.
History, English.
ERNEST ARTHUR THOMASSON.....*Asheville, N. C.*.....Sp. H.
German.
HARVEY R. VANDERSLICE.....*Collegeville* ....Mr. Vanderslice's.
French, History.
RUTH WANGER .....*Norristown* .....Norristown.
History.
MARY W. WEIKEL.....*Collegeville* .....Mr. Wiekel's.
English, Latin.
WARREN K. YERGER .....*Wilmington, Del.* ....Graterford.
French, English.
PAUL WICKE YOH.....*Chambersburg* .....Sp. H.
Latin.

STUDENTS IN THE SCHOOL OF MUSIC

NATALIE LOUISE BEACH.....*New York City* .....Sh. H.
CHARLES AUGUSTUS BENNEY.....*Lebanon* .....Sp. H.
CLAIRE HELEN BEHRENS.....*New York City* .....Sh. H.
ARASMAN MELVILLE BILLMAN....*Landisburg* .....E. H.
SAMUEL RANDALL DETWILER.....*Ironbridge* .....Sp. H.
MABEL IRENE DUNN.....*Steelton* .....Sh. H.
ADA MARGUERITE FISHER.....*Lebanon* .....Sh. H.
CAROLINE HOLMES FOCER.....*Cape May City, N. J.*.....O. H.
GRACE FRETZ .....*Philadelphia* .....Mr. Fretz's.
GRACIA COBB FURMAN.....*Norristown* .....O. H.
MARY AVERELL GHEE.....*Lakewood, N. J.*.....Sh. H.
STELLA MARY HAIN .....*Lebanon* .....Sh. H.
ALBERT HOLT .....*Philadelphia* .....E. H.
AMMON GEORGE KERSHNER.....*Norristown* .....Sp. H.
HELEN KEYSER .....*Collegeville* .....Mr. Keyser's.
CHARLES WILLIAM LANGNER.....*Pottstown, R. D. No. 4*.....N. H.
HERMAN WISCHMANN MATHIEU. *Trappe* .....Trappe.
NELLIE AUGUSTA MESSINGER.....*Trappe* .....Trappe.
ESTHER MARY PETERS .....*Slatington* .....O. H.
EDGAR THOMAS ROBINSON.....*Bridgeton, N. J.*.....Mr. Daub's.
GRACE S. SAYLOR.....*Collegeville* .....Mr. Saylor's.
FLORENCE MAY SCHEUREN .....*Collegeville* .....Mr. Scheuren's.
LARETA OGDEN SCHEUREN.....*Collegeville* .....Mr. Scheuren's.
CHARLES EVERETT WISMER.....*Graterford* .....Graterford.
WILLIAM ALLISON YEAGER.....*Spring City, R. D. No. 3*...F. H.

GENERAL SUMMARY, 1910-1911

STUDENTS IN THE COLLEGE		
Graduate Students	5	
Classical Group	37	
Latin-Mathematical Group	18	
Mathematical-Physical Group	11	
Chemical-Biological Group	24	
Historical-Political Group	39	
English-Historical Group	7	
Modern Language Group	28	169
STUDENTS IN THE SUMMER SESSION	42	
STUDENTS IN THE SCHOOL OF MUSIC	25	
		236
Deduct for names repeated		43
Total		193

PRIZES, HONORS AND DEGREES

Awarded in 1909-1910

PRIZES

Junior Oratorical Prizes—Ernest Erwin Quay, Charles William Langner.

Scholarship Prizes:

Bloomsburg State Normal School—Charles L. Maurer.
Collegeville High School—Carl C. Bechtel.
Cumberland Valley State Normal School—Maurice A. Hess.
Lansdale High School—Cora C. Sigafoos.
Norristown High School—Gratia C. Furman.
Pottstown High School—Ellen H. Hallman.
Royersford High School—May W. Pearson.
Ursinus Academy—Lary B. Small.
West Chester State Normal School—Edna M. Wagner.
York County Academy—Paul E. Elicker.
York High School—George R. Ensminger.

Duttera Prize in Church History—Pierce E. Swope.

HONORS

(Department Honors)

Philosophy—Samuel Glover Dunseath.
Political Science—Samuel Simon Laucks.

(Commencement Parts)

Valedictory Oration—Ernest Carl Wagner.
Salutatory Oration—Henry Germanus Maeder.

DEGREES

Doctor of Laws (Honorary)—William S. Bennet, Henry W. Kratz, George V. Massey.

Doctor of Divinity (Honorary)—J. Lewis Fluck, George W. Henson, James M. S. Isenberg, J. Warren Klein, Francis S. Lindaman, Edward F. Wiest.

Master of Arts (in course)—Titus Alfred Alspach, A.B., Charles Benjamin Heinly, A.B., Otto Gustave Herbrecht, A.B., Edwin Milton Sando, A.B., William Hoy Stoner, A.B.

Bachelor of Arts, *Cum Laude*—Edna Claire Booser, Samuel Glover Dunseath, Samuel Simon Laucks, Henry Germanus Maeder, Blanche Rena Sponsler, Ernest Carl Wagner.

Bachelor of Arts—Elizabeth Hiser Austerberry, Thomas A. Bock, Samuel Dewees Davis, Amy Etta Fermier, Trinna Elizabeth Freyer, Guy Waldo Knauer, Luther Michael Lauer, Francis Loy Lindaman, Paul Allen Mertz, Frederick Leroy Moser, Anna Florence Place, Clyde Talmage Saylor, Robert Raymond Spears, Horace Kepler Thomas, Robert Smyser Thomas, Albert Rosenberger Thompson, Howard Pennypacker Tyson, Joseph Yost, Samuel H. Ziegler.

Bachelor of Science—Edgar Adam Brehm, Howard Keyser.

COLLEGE ASSOCIATIONS

THE ALUMNI ASSOCIATION

Graduates of the College and all persons admitted to a degree higher than the first in the institution are eligible to membership.

The Association is entitled to a representation of five members in the Board of Directors. These members are nominated by the Association and serve five years.

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President—Rev. George W. Henson, D.D., Philadelphia.

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President—Rev. W. H. Erb, A.B., B.D., '93, Bethlehem, Pa.

The Ursinus College Association of the Lebanon Valley
President—Rev. J. Lewis Fluck, D.D., '88, Myerstown, Pa.

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The Ursinus College Association of the Schuylkill Valley
President—Rev. Charles H. Slinghoff, A.B., B.D., '90, Spring City, Pa.

The Ursinus College Association of the Cumberland Valley
President—Rev. F. F. Bahner, D.D., '73, Waynesboro, Pa.

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II April. Ursinus College
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